

```
#include<graphics.h>
```

```
#include<conio.h>
```

```
#include<dos.h>
```

```
#include<stdlib.h>
```

```
#include<process.h>
```

```
void main()
```

```
{
```

```
glutDisplayFunc(welcome_window);
```

```
int gd=DETECT,gm;
```

```
initgraph(&gd,&gm,"c:\\tc\\bgi");
```

```
int c=12;
```

```
setbkcolor(0);
```

```
//setlinestyle(0,1,2);
```

```
int t;
```

```
while(1)
```

```
{
```

```
settextstyle(2,0,5);
```

```
outtextxy(100,10,"Press L,H ,T,P");
```

```
outtextxy(100,30,"Press 1 for Quit");
```

```
as:
```

```
setcolor(13);
```

```
ellipse(380,127,20,152,130,35);
```

```
//////////////////////////////////rear//////////////////////////////////
```

```
line(490,109,560,142);
```

```
line(560,142,569,142);
```

```
line(569,142,582,102);  
line(582,102,620,92);  
line(593,132,617,125);
```

```
line(617,124,627,96);  
line(620,92,628,97);
```

```
line(472,86,602,96);  
line(501,113,575,121);  
line(443,77,475,80);
```

```
line(443,77,432,93);  
line(475,80,472,85);
```

```
//setcolor(4);
```

```
    line(593,132,593,137);  
    line(593,137,600,141);  
    line(600,141,600,185);  
    line(600,185,608,192);  
    line(608,192,608,234);  
    line(608,234,586,253);  
    line(586,253,577,248);
```

```
////////// mirror
```

```
    line(263,112,363,127);  
        line(193,160,263,112);  
line(193,160,220,170);  
        line(220,170,280,180);  
        line(280,180,320,185);
```

```
    line(320,185,363,127);
    ////////////////////////////////////sidemirror
    line(340,194,460,169);
    line(460,169,519,152);

    ellipse(512,144,300,30,10,10);
    ellipse(467,143,28,100,50,30);
    line(510,128,521,138);
    line(435,116,440,171);

    //  setcolor(4);
    ////////////////////////////////////cont//
    line(339,194,372,144);
    //  line(372,140,386,128);
    ellipse(454,208,87,123,128,95);
    line(372,144,384,128);
    int b,x,y;
    ////////////////////////////////////lower
    line(365,298,524,264);
    line(365,298,330,310);
    line(330,310,323,310);

    ////////////////////////////////////bumper
    ellipse(162,221,135,190,90,40);
    line(96,193,140,174);
    line(140,174,160,168);
    line(160,168,192,161);
```

////////////////////front

ellipse(75,246,95,190,18,18);

line(57,251,57,286);

//setcolor(4);

ellipse(181,178,232,263,200,137);

ellipse(195,180,256,286,200,137);

ellipse(191,171,228,247,200,100);

ellipse(231,198,234,275,200,80);

//setcolor(9);

//ellipse(195,170,256,286,200,137);

//setcolor(12);

ellipse(196,167,228,246,200,90);

ellipse(231,184,234,276,200,80);

ellipse(191,200,228,246,200,90);

ellipse(228,218,234,276,200,80);

ellipse(258,268,180,220,200,40);

ellipse(178,296,244,355,16,10);

ellipse(238,249,227,250,200,60);

```
//////////wheel1
```

```
ellipse(302,281,320,77,26,45);
```

```
ellipse(290,277,65,162,40,45);
```

```
ellipse(278,288,144,212,31,45);
```

```
//////////wheel2
```

```
//setcolor(5);
```

```
ellipse(302+260,229,328,87,26,45);
```

```
ellipse(290+280-7,277-50+2,90,162,40,45);
```

```
ellipse(278+270,288-50,144,215,27,45);
```

```
b=0;
```

```
int v=0;
```

```
////////
```

```
ellipse(302+250+v,227+b,295,90,29,41);
```

```
ellipse(302+234+v,231+b,245,306,50,40);
```

```
//setlinestyle(3,0,3);
```

```
ellipse(302+248+v,229+b,0,360,21,30);
```

```
ellipse(302+247+v,229+b,0,360,8,10);
```

```
setfillstyle(6,11);
```

```
//floodfill(302+248+v,230+b,13);
```

```
//line(546,201,546,257);
```

```
//line(554,201,554,257);
```

```
//setcolor(4);
```

```
line(546+v,201+b,546+v,220+b);
```

$\text{line}(551+v, 201+b-2, 551+v, 220+b);$

$\text{line}(546+v, 238+b, 546+v, 257+b);$

$\text{line}(551+v, 238+b+2, 551+v, 257+b+2);$

$\text{line}(530+v, 225+b, 541+v, 225+b);$

$\text{line}(530+v, 230+b, 541+v, 230);$

$\text{line}(557+v, 225+b, 570+v, 225+b);$

$\text{line}(557+v, 230+b, 570+v, 230+b);$

$\text{line}(563+v, 206+b, 552+v, 222+b);$

$\text{line}(534+v, 246+b, 543+v, 232+b);$

$\text{line}(566+v, 210+b, 556+v, 223+b);$

$\text{line}(536+v, 250+b, 544+v, 238+b);$

$\text{line}(536+v, 207+b, 546+v, 222+b);$

$\text{line}(532+v, 213+b, 542+v, 224+b);$

$\text{line}(556+v, 235+b, 566+v, 247+b);$

$\text{line}(551+v, 237+b, 563+v, 253+b);$

////////////////////////////////////

v=-260;

b=56;

ellipse(302+233+v,221+b,260,60,49,51);

//ellipse(302+234+v,231+b,245,306,50,40);

//setlinestyle(3,0,3);

ellipse(302+243+v,224+b,0,360,28,35);

// line(249,328,269,328);

ellipse(300+245+v,223+b,0,360,10,12);

ellipse(285+249+v,239+b,210,260,30,33);

//floodfill(285+258+v,230+b,12);

b=45;

v=v-4;

line(546+v,201+b,546+v,220+b+2);

line(551+v,201+b,551+v,220+b+2);

b=b+8;

line(546+v,238+b,546+v,257+b+4);

line(551+v,238+b,551+v,257+b+4);

v=v-2;

line(530+v-6,225+b,541+v,225+b);

line(530+v-6,230+b,541+v,230+b);

v=v+5;

line(557+v,225+b,570+v+3,225+b);

line(557+v-1,230+b,570+v+3,230+b);

b=b-5;

v=v-5;

line(565+v+3,206+b,552+v+4,222+b-2);

b=b+15;

line(534+v,246+b,543+v+3,232+b-5);

b=b-10;

line(566+v+7,210+b-5,556+v+4,220+b);

line(536+v-5,250+b,544+v-2,238+b-4);

line(536+v,207+b-8,545+v,222+b-5);

line(531+v,212+b-8,542+v,224+b-2);

line(556+v,235+b,566+v+3,247+b+5);

line(551+v,237+b,563+v+2,253+b+3);

////////////////lights

ellipse(199,250,144,345,18,8);

line(185,245,206,230);

//setcolor(4);

ellipse(223,234,340,110,8,5);

line(230,237,217,252);

line(206,230,220,229);

//setfillstyle(1,4);

//floodfill(200,240,12);

////////////////////////////////////

[illegible]

```
setcolor(13);
```

```
line(1,430,639,300);
```

```
line(1,445,639,315);
```

```
line(1,210,93,194);
```

```
line(1,195,194,158);
```

```
//line(1,170,639,71);
```

```
//line(1,170,229,135);
```

```
line(520,90,639,71);
```

```
line(478,86,639,56);
```

```
int c=0;
```

```
line(10,194+c,10,208+c);
```

```
line(40,189+c,40,204+c);
```

```
line(70,183+c,70,198+c);
```

```
line(100,176+c,100,190+c);
```

```
line(130,170+c,130,177+c);
```

```
line(160,166+c,160,168+c);
```

```
line(190,160+c,190,161+c);
```

```
line(190+330,78+c,190+330,89+c);
```

```
line(190+360,72+c,190+360,85+c);
```

```
line(190+390,67+c,190+390,81+c);
```

```
line(190+420,62+c,190+420,76+c);
```

```
line(190+449,57+c,190+449,71+c);
```

$c=236;$

$\text{line}(10,192+c,10,208+c);$

$\text{line}(40,189+c-2,40,204+c-3);$

$\text{line}(70,183+c-3,70,198+c-3);$

$\text{line}(100,176+c-2,100,190+c-2);$

$\text{line}(130,170+c-2,130,177+c+5);$

$\text{line}(160,166+c-3,160,168+c+8);$

$\text{line}(190,160+c-4,190,161+c+9);$

$\text{line}(190+30,156+c-5,190+30,170+c-5);$

$\text{line}(190+30+30,156+c-12,190+30+30,170+c-12);$

$\text{line}(190+90,156+c-18,190+90,170+c-17);$

$\text{line}(190+120,156+c-25,190+120,170+c-25);$

$\text{line}(190+150,156+c-30,190+150,170+c-30);$

$\text{line}(190+180,156+c-37,190+180,170+c-36);$

$\text{line}(190+210,156+c-42,190+210,170+c-42);$

line(190+240,156+c-48,190+240,170+c-48);

line(190+270,156+c-55,190+270,170+c-54);

line(190+300,156+c-61,190+300,170+c-61);

line(190+330,78+c+10,190+330,89+c+13);

line(190+360,72+c+11,190+360,85+c+13);

line(190+390,67+c+10,190+390,81+c+10);

line(190+420,62+c+8,190+420,76+c+10);

line(190+449,57+c+8,190+449,71+c+8);

////////road

setcolor(12); //////////1

line(1,310,25,306);

line(6,318,30,315);

```
line(1,310,6,318);
```

```
line(25,306,30,314);
```

```
int k,m;
```

```
k=13*45+19;
```

```
m=16*(-8);
```

```
//2
```

```
setcolor(12);
```

```
line(605,310-128,629,306-128);
```

```
line(610,318-128,634,315-128);
```

```
line(605,310-128,610,318-128);
```

```
line(629,306-128,634,314-128);
```

```
setcolor(12); ///////////////////////////////////////////////////3
```

```
k=45;
```

```
m=-8;
```

```
line(46,302,70,298);
```

```
line(51,310,75,307);
```

```
line(46,302,51,310);
```

```
line(70,298,75,306);
```

```
setfillstyle(1,0);
```

```
floodfill(64,303,12);
```

```
setfillstyle(1,14);
```

```
floodfill(14,314,12);
```

```
floodfill(617,183,12);
```

```
setfillstyle(1,0);  
floodfill(14,314,12);  
floodfill(617,183,12);
```

```
setfillstyle(1,14);  
floodfill(64,303,12);
```

```
t=getch();  
if(t=='1')  
    exit(0);  
if(t=='h')  
{  
    sound(710);  
    delay(500);  
    nosound();  
    //break;  
}  
if(t=='t')  
{  
    while(!kbhit()) {  
        setfillstyle(1,0);  
        floodfill(536,213,13);  
        floodfill(563,213,13);  
        floodfill(561,244,13);  
        floodfill(538,244,13);  
        floodfill(274,295,13);  
        floodfill(294,295,13);
```

```
floodfill(274,265,13);
```

```
floodfill(294,265,13);
```

```
floodfill(548,250,13);
```

```
floodfill(548,214,13);
```

```
floodfill(533,228,13);
```

```
floodfill(563,228,13);
```

```
floodfill(262,281,13);
```

```
floodfill(308,281,13);
```

```
floodfill(284,251,13);
```

```
floodfill(284,295,13);
```

```
setfillstyle(1,random(12));
```

```
floodfill(200,250,13);
```

```
delay(10);
```

```
//setfillstyle(1,11);
```

```
floodfill(170,250,13);
```

```
floodfill(80,230,13);
```

```
}
```

```
setfillstyle(1,0);
```

```
floodfill(200,250,13);
```

```
delay(10);
```

```
//setfillstyle(1,11);
```

```
floodfill(170,250,13);
```

```
floodfill(80,230,13);
```

```
}
```

```
if(t=='l')
```

```
{
```

```
while(!kbhit())
```

```
{
```

```
delay(120);
```

```
setfillstyle(6,0); ///////////////////////////////////////////////////ty
```

```
floodfill(536,213,13);
```

```
floodfill(563,213,13);
```

```
floodfill(561,244,13);
```

```
floodfill(538,244,13);
```

```
floodfill(274,295,13);
```

```
floodfill(294,295,13);
```

```
floodfill(274,265,13);
```

```
floodfill(294,265,13);
```

```
setfillstyle(1,0);
```

```
floodfill(64,303,12);
```

```
//////////////////////////////////////road
```


setfillstyle(9,0); //color

floodfill(81-40+5,419+7,13);

floodfill(151-40,409+7,13);

floodfill(211-40,397+7,13);

floodfill(271-40,380+7,13);

floodfill(331-40,368+7,13);

floodfill(396-40,355+7,13);

floodfill(450-40,345+7,13);

floodfill(510-40,335+7,13);

floodfill(570-40,325+7,13);

floodfill(630-40,312+7,13);

//////////

floodfill(50,197,13);

floodfill(110,177,13);

floodfill(166,165,13);

floodfill(527,86,13);

floodfill(587,71,13);

setfillstyle(6,14); //ty

floodfill(548,250,13);

floodfill(548,214,13);

floodfill(533,228,13);

floodfill(563,228,13);

```
floodfill(262,281,13);  
floodfill(308,281,13);  
floodfill(284,251,13);  
floodfill(284,295,13);  
////////////////////////////////////road
```

```
setfillstyle(9,10);////////////////////////////////////color
```

```
floodfill(19,429,13);  
floodfill(81,419,13);  
floodfill(151,409,13);  
floodfill(211,397,13);  
floodfill(271,380,13);  
floodfill(331,368,13);  
floodfill(396,355,13);  
floodfill(450,345,13);  
floodfill(510,335,13);  
floodfill(570,325,13);  
floodfill(630,312,13);
```

```
////////////////////////////////////
```

```
floodfill(20,197,13);  
floodfill(80,187,13);  
floodfill(133,174,13);  
floodfill(517,86,13);  
floodfill(557,81,13);  
floodfill(627,70,13);
```

```
setfillstyle(1,14);  
floodfill(14,314,12);
```

floodfill(617,183,12);

////////////////////////////////////

setfillstyle(10,4);

floodfill(302+248,230,13);

floodfill(302+248+v,230+b,13);

///light

setfillstyle(6,11); //////////////

floodfill(200,250,13);

floodfill(170,250,13);

floodfill(80,230,13);

delay(120);

setfillstyle(6,0);/////////////////////////////////ty

floodfill(548,250,13);

floodfill(548,214,13);

floodfill(533,228,13);

floodfill(563,228,13);

floodfill(262,281,13);

floodfill(308,281,13);

floodfill(284,251,13);

floodfill(284,295,13);

////////////////////////////////////road

setfillstyle(9,0); //////////////color

```
floodfill(19,429,13);  
floodfill(81,419,13);  
floodfill(151,409,13);  
floodfill(211,397,13);  
floodfill(271,380,13);  
floodfill(331,368,13);  
floodfill(396,355,13);  
floodfill(450,345,13);  
floodfill(510,335,13);  
floodfill(570,325,13);  
floodfill(630,312,13);
```

```
////////////////////////////////////
```

```
floodfill(20,197,13);  
floodfill(80,187,13);  
floodfill(133,174,13);  
floodfill(517,86,13);  
floodfill(557,81,13);  
floodfill(627,70,13);
```

```
////////
```

```
setfillstyle(1,0);  
floodfill(14,314,12);  
floodfill(617,183,12);
```

```
setfillstyle(6,10);      ///////////ty
```

```
floodfill(536,213,13);  
floodfill(563,213,13);  
floodfill(561,244,13);
```

floodfill(538,244,13);

floodfill(274,295,13);

floodfill(294,295,13);

floodfill(274,265,13);

floodfill(294,265,13);

//road

setfillstyle(9,14);////////////////////////////////color

floodfill(81-40+5,419+7,13);

floodfill(151-40,409+7,13);

floodfill(211-40,397+7,13);

floodfill(271-40,380+7,13);

floodfill(331-40,368+7,13);

floodfill(396-40,355+7,13);

floodfill(450-40,345+7,13);

floodfill(510-40,335+7,13);

floodfill(570-40,325+7,13);

floodfill(630-40,312+7,13);

//

floodfill(50,197,13);

floodfill(110,177,13);

floodfill(166,165,13);

floodfill(527,86,13);

floodfill(587,71,13);

setfillstyle(1,14);

floodfill(64,303,12);

setfillstyle(9,4);

```
floodfill(302+248,230,13);
```

```
floodfill(302+248+v,230+b,13);
```

```
delay(20);
```

```
setfillstyle(1,14);
```

```
floodfill(200,250,13);
```

```
floodfill(170,250,13);
```

```
floodfill(80,230,13);
```

```
delay(20);
```

```
setfillstyle(1,0);
```

```
floodfill(200,250,13);
```

```
floodfill(170,250,13);
```

```
floodfill(80,230,13);
```

```
} }
```

```
if(t=='p')
```

```

{
int n=0;
while(!kbhit())
{
if(n<=60)
n++;
setcolor(0);
rectangle(1+1,-10,90-1,-12+n);
delay(14);

setcolor(9);
rectangle(1,-10,90,-10+n);
if(n==60)
{

outtextxy(10,10,"L-LIGHTS");
outtextxy(10,20,"H-HORN");
//outtextxy(10,30,"T-ALLOY");
delay(400);
}

}
setcolor(0);
rectangle(1,-10,90,-10+n);
rectangle(1,-10,90,-11+n);
outtextxy(10,10,"L-LIGHTS");
outtextxy(10,20,"H-HORN");

```

```
//outtextxy(10,30,"T-ALLOY");
```

```
}
```

```
}
```

```
circle(300,100,3);
```

```
nosound();
```

```
getch();
```

```
}
```

```
void welcome_window()
```

```
{
```

```
glClear(GL_COLOR_BUFFER_BIT|GL_DEPTH_BUFFER_BIT);
```

```
glClearColor(0,0,0,0);
```

```
glColor3f(1.0,1.0,1.0);
```

```
bitmap_output(-1.25,1.8,0.50,"VISVESVARAYA TECHNOLOGICAL UNIVERSITY");
```

```
bitmap_output(-0.6,1.6,0.50,"BELGAUM,KARNATAKA");
```

```
bitmap_output(-0.3,0.70,0.50,"Project On");
```

```
bitmap_output(-0.85,0.50,0.50,"ANIMATED 3D CAR");
```

```
glutSwapBuffers();
```

```
glFlush();
```

```
}
```