**EXPERIMENT NO 4.**

**AIM: To display simple shapes (Like hut, star, car etc.) using graphics primitives**

**STAR:**

#include<graphics.h>

#include<conio.h>

void main()

{

intgd=DETECT,gm;

initgraph(&gd,&gm,"C:\\TC\\bgi");

line(150,100,100,200);

line(100,200,200,200);

line(200,200,150,100);

line(100,125,200,125);

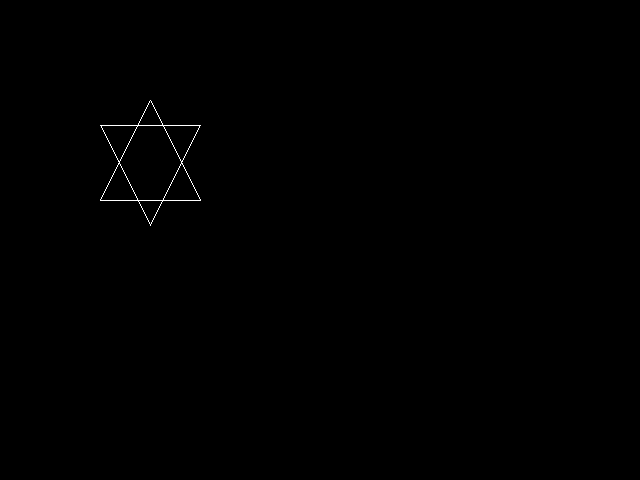
line(100,125,150,225);

line(150,225,200,125);

getch();

closegraph();

}



**CAR:**

#include <stdio.h>

#include <graphics.h>

#include <conio.h>

#include <dos.h>

intmain() {

    intgd = DETECT, gm;

    inti, maxx, midy;

    initgraph(&gd, &gm, "X:\\TC\\BGI");

    maxx = getmaxx();

        midy = getmaxy()/2;

    for(i=0; i < maxx-150; i=i+5) {

        cleardevice();

        setcolor(WHITE);

        line(0, midy + 37, maxx, midy + 37);

        setcolor(YELLOW);

        setfillstyle(SOLID\_FILL, RED);

        line(i, midy + 23, i, midy);

        line(i, midy, 40 + i, midy - 20);

        line(40 + i, midy - 20, 80 + i, midy - 20);

        line(80 + i, midy - 20, 100 + i, midy);

        line(100 + i, midy, 120 + i, midy);

        line(120 + i, midy, 120 + i, midy + 23);

        line(0 + i, midy + 23, 18 + i, midy + 23);

        arc(30 + i, midy + 23, 0, 180, 12);

        line(42 + i, midy + 23, 78 + i, midy + 23);

        arc(90 + i, midy + 23, 0, 180, 12);

        line(102 + i, midy + 23, 120 + i, midy + 23);

        line(28 + i, midy, 43 + i, midy - 15);

        line(43 + i, midy - 15, 57 + i, midy - 15);

        line(57 + i, midy - 15, 57 + i, midy);

        line(57 + i, midy, 28 + i, midy);

        line(62 + i, midy - 15, 77 + i, midy - 15);

        line(77 + i, midy - 15, 92 + i, midy);

        line(92 + i, midy, 62 + i, midy);

        line(62 + i, midy, 62 + i, midy - 15);

        floodfill(5 + i, midy + 22, YELLOW);

        setcolor(BLUE);

        setfillstyle(SOLID\_FILL, DARKGRAY);

        circle(30 + i, midy + 25, 9);

        circle(90 + i, midy + 25, 9);

        floodfill(30 + i, midy + 25, BLUE);

        floodfill(90 + i, midy + 25, BLUE);

          delay(100);

    }

    getch();

    closegraph();

    return0;

}

