**Practical-6**

Computer Graphics and Multimedia

1. Write a program to draw a human body moving in the rain with the umbrella.

#include<stdio.h>

#include<conio.h>

#include<graphics.h>

#include<stdlib.h>

#include<dos.h>

void main()

{

int gd=DETECT,gm;

int rhx,rhy,j,i;

clrscr();

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

for(i=0;i<500;i+=5)

{

line(20,380,580,380); //platform

if(i%2==0)

{

line(25+i,380,35+i,340); //leftleg

line(45+i,380,35+i,340);//right leg

line(35+i,310,25+i,330);//left hand

delay(20);

}

else

{

line(35+i,380,35+i,340);

line(35+i,310,40+i,330);

delay(20);

}

line(35+i,340,35+i,310); //body

circle(35+i,300,10); //head

line(35+i,310,50+i,330); // hand

line(50+i,330,50+i,280); //umbrella stick

line(15+i,280,85+i,280); //umbrella right

arc(50+i,280,0,180,35); //umbrella body

arc(55+i,330,180,360,5);//umbrella handle

rhx=getmaxx();

rhy=getmaxy();

for(j=0;j<100;j++)

{

outtextxy(random(rhx),random(rhy-50),"|");

setcolor(WHITE);

}

delay(150);

cleardevice();

}

getch();

}

