

## ASSIGNMENT 7

### RAIN MAN PROBLEM

```
#include<stdio.h>
#include<conio.h>
#include<graphics.h>
#include<stdlib.h>
#include<dos.h>
using namespace std;
class WalkingMan{
    int rhx,rhy;
    public:
        void draw(int,int);
        void draw(int);
};
void WalkingMan::draw(int i){
    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
}

void WalkingMan::draw(int x, int y){
    int j;
```

```

    rhx=x;
    rhy=y;
    for(j=0;j<100;j++)
    {
        outtextxy(rand()%rhx,rand()%(rhy-50),"|");

        setcolor(WHITE);
    }
}
int main()
{
    int gd=DETECT,gm;
    int rhx,rhy,j,i;
    WalkingMan obj;

    initgraph(&gd,&gm,"");
    for(i=0;i<500;i+=5)
    {
        obj.draw(i);
        rhx=getmaxx();
        rhy=getmaxy();
        obj.draw(rhx,rhy);
        delay(150);
        cleardevice();
    }
    getch();
    return 0;
}

```

