Experiment no 7:

```c
#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); // rain
                void draw(int); // walking man
};
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 arc(x, y, start_angle, end_angle, radius);

}
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();

}

Output:-

Abort Compilation

☐ Shorten compiler paths

```
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- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\user\Documents\Project1.exe
- Output Size: 1.47935581207275 MiB
- Compilation Time: 0.09s
```

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