

ASSIGNMENT NO 5

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C21128

```
//write a c++ program for man walking in the rain with umbrella
```

```
//#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,280,180,0,35); //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);
```

```

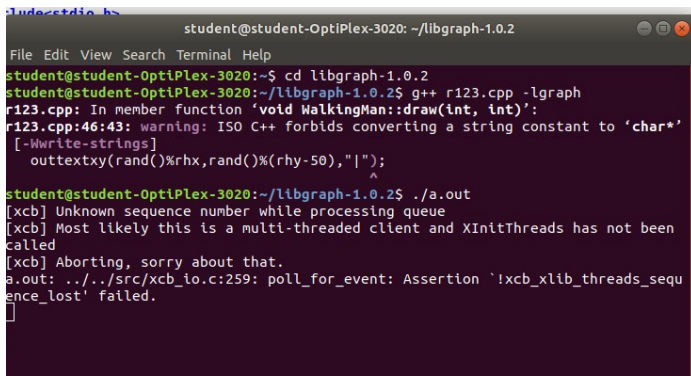
    }
}
int main()
{
int gd=DETECT,gm;
int rhx,rhy,j,i;
WalkingMan obj;

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

getch();
return 0;
}

```

//OUTPUT //add your file in libgraph1.0.2 header file



```

student@student-OptiPlex-3020: ~/libgraph-1.0.2
File Edit View Search Terminal Help
student@student-OptiPlex-3020:~$ cd libgraph-1.0.2
student@student-OptiPlex-3020:~/libgraph-1.0.2$ g++ r123.cpp -lgraph
r123.cpp: In member function 'void WalkingMan::draw(int, int)':
r123.cpp:46:43: warning: ISO C++ forbids converting a string constant to 'char*'
[-Wwrite-strings]
    outtextxy(rand()%rhx,rand()%(rhy-50),"I");
                                         ^
student@student-OptiPlex-3020:~/libgraph-1.0.2$ ./a.out
[xcb] Unknown sequence number while processing queue
[xcb] Most likely this is a multi-threaded client and XInitThreads has not been
called
[xcb] Aborting, sorry about that.
a.out: ../../src/xcb_io.c:259: poll_for_event: Assertion '!xcb_xlib_threads_sequ
ence_lost' failed.

```

