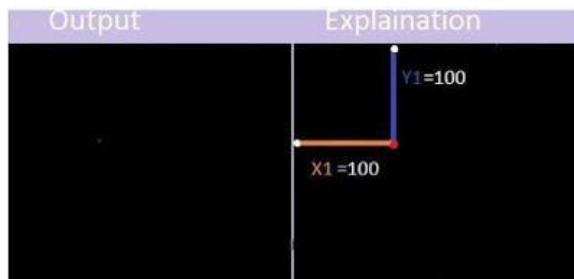


NAME : IRA BHARDWAJ
COURSE : BCA SEM-6TH SEC : C
ROLL NO : (29)
SUBJECT : Computer Graphics

PROBLEM STATEMENT: Write a C program to plot a pixel in Graphics.

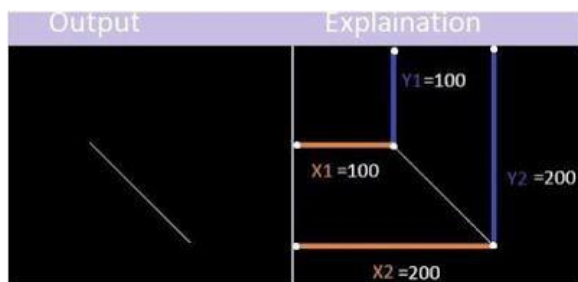
```
#include<graphics.h>
#include<stdio.h>
#include<conio.h>
void main( )
{
    int gd = DETECT, gm;
    initgraph(&gd, &gm, "C:\\TC\\BGI");
    putpixel(100,100,RED); //Putpixel(X1,Y1,Color)
    getch( );
    closegraph( );
}
```



NAME : IRA BHARDWAJ
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SUBJECT : Computer Graphics

PROBLEM STATEMENT : Write a C program to draw a line in Graphics.

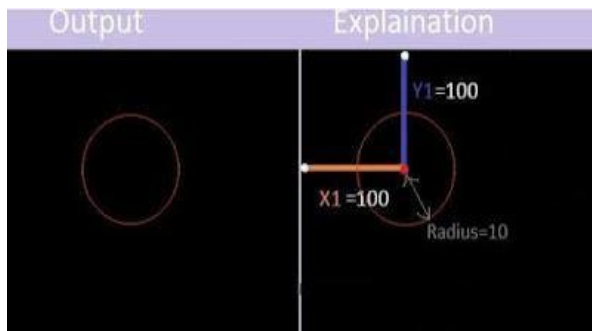
```
#include<stdio.h>
#include<conio.h>
#include<graphics.h>
void main()
{
    int gd=DETECT,gm;
    initgraph(&gd,&gm,"C:\\TC\\BGI");
    line(100,100,200,200); //Line(X1,Y1,X2,Y2);
    getch();
    closegraph();
}
```



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PROBLEM STATEMENT: Write a C program to draw a circle in Graphics

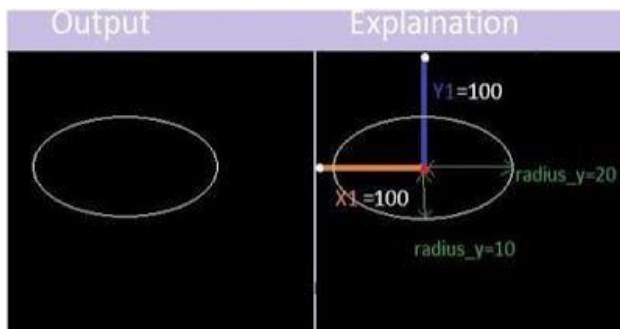
```
#include<graphics.h>
#include<stdio.h>
#include<conio.h>
void main( )
{
    int gd = DETECT, gm;
    initgraph(&gd, &gm, "C:\\TC\\BGI");
    circle(100,100,10); //Circle(X1,Y1,radius)
    getch( );
    closegraph( );
}
```



NAME : IRA BHARDWAJ
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SUBJECT : Computer Graphics

PROBLEM STATEMENT : Write a C Program to Draw an Ellipse in Graphics.

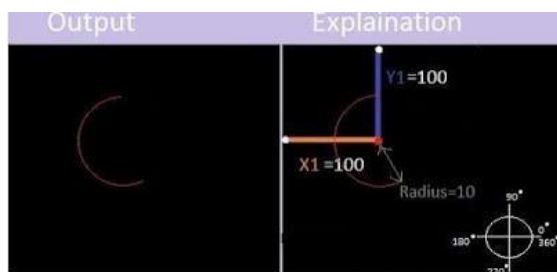
```
#include<graphics.h>
#include<stdio.h>
#include<conio.h>
void main( )
{
    int gd = DETECT, gm;
    initgraph(&gd, &gm, "C:\\TC\\BGI");
    ellipse(100,100,0,360,20,10);
    //Ellipse(x1,y1,0,360,xAxisRadius,yAxisRadius)
    getch( );
    closegraph( );
}
```



NAME : IRA BHARDWAJ
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SUBJECT : Computer Graphics

PROBLEM STATEMENT: write a C Program to Draw an Arc in Graphics.

```
#include<graphics.h>
#include<stdio.h>
#include<conio.h>
void main( )
{
    int gd = DETECT, gm;
    initgraph(&gd, &gm, "C:\\TC\\BGI");
    arc(100,100,90,280,10);
    //Arc(x1,y1,StartingAngle,EndingAngle,Radius)
    getch( );
    closegraph( );
}
```

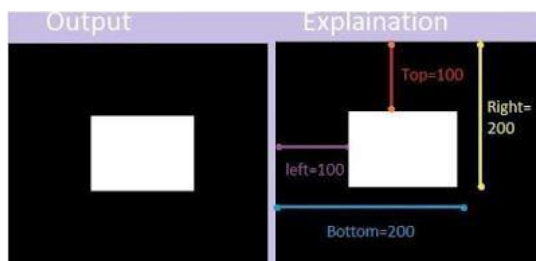


NAME : IRA BHARDWAJ
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ROLL NO : (29)
SUBJECT : Computer Graphics

PROBLEM STATEMENT: Write a C Program to Draw a Bar in Graphics.

```
#include<graphics.h>

#include<stdio.h>
#include<conio.h>
void main()
{
    int gd = DETECT, gm;
    initgraph(&gd, &gm, "C:\\TC\\BGI");
    bar(100,100,200,200);
    //Bar(Left,Top,Right,Bottom)
    getch( );
    closegraph( );
}
```



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ROLL NO : (29)
SUBJECT : Computer Graphics

PROBLEM STATEMENT: Write a C program to draw a rectangle in Graphics.

```
#include<graphics.h>
#include<stdio.h>
#include<conio.h>
void main( )
{
    int gd = DETECT, gm;
    initgraph(&gd, &gm, "C:\\TC\\BGI");
    rectangle(100,100,200,200); //Rectangle(X1,Y1,X2,Y2)
    getch( );
    closegraph( );
}
```

