Computer Graphics:

Submitted to: Mrs. Simmi Sahani

Submitted By:

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Roll no. 2038

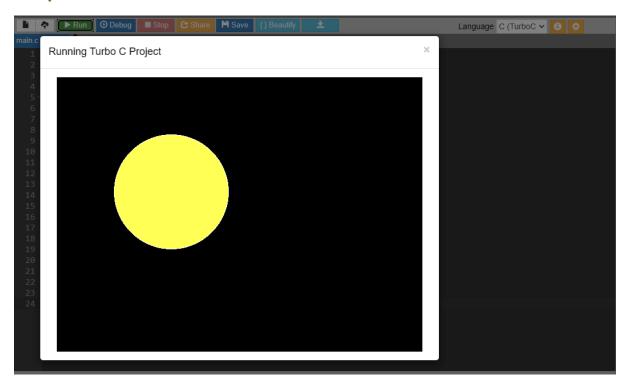
BCA 6th semester

Govt. College Solan

PRACTICAL 1:

Draw a circle. Fill the circle with yellow color

Output:

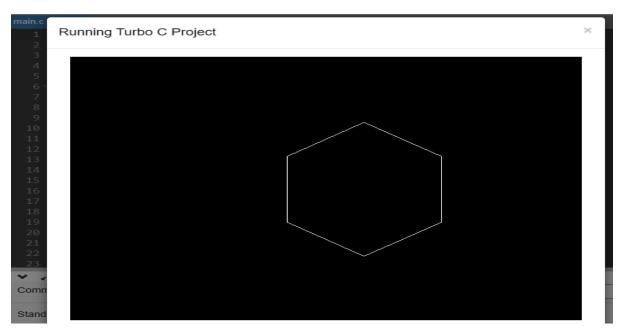


PRACTICAL 2:

Draw Hexagon

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main.c
          #include <graphics.h>
          int main()
          {
                  int gd = DETECT, gm;
initgraph(&gd, &gm, "C:\\TC\\BGI");
                  // Hexagon
                 line(367, 119, 464, 181);
line(464, 181, 464, 301);
line(464, 301, 367, 363);
line(367, 363, 271, 301);
line(271, 301, 271, 181);
line(271, 181, 367, 119);
   11
   12
                  getch();
                  closegraph();
                  return 0;
          }
```

Output:



Practical 3

Draw a complete ellipse filled with red color.

```
main.c

#include<stdio.h>
#include <graphics.h>

#int main()

for int gd = DETECT, gm;

// location of ellipse
int x = 250, y = 200;
// here is the starting angle and end angle
int start_angle = 0;
int end_angle = 360;
// radius from x axis and y axis
int x_rad = 100;
int y_rad = 50;

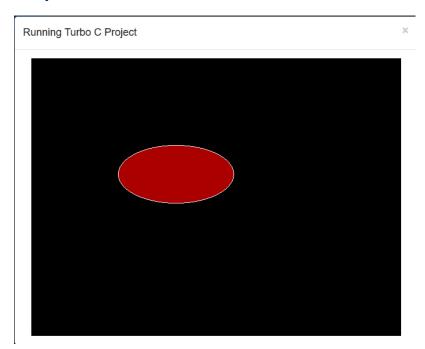
initgraph(%gd, %gm, "C:\\TC\\BGI");

setfillstyle(SOLID_FILL, RED);
// ellipse function
ellipse(x, y, start_angle, end_angle, x_rad, y_rad);

getch();
closegraph();
return 0;

return 0;
```

output

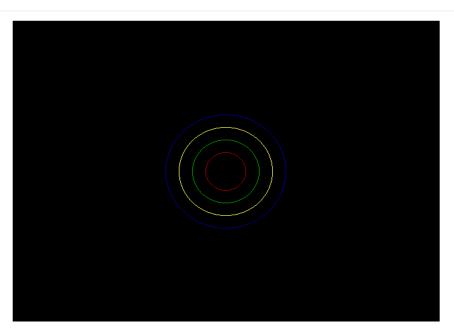


PRACTICAL 4:

Draw concentric circles with different color lines.

Output:

Running Turbo C Project



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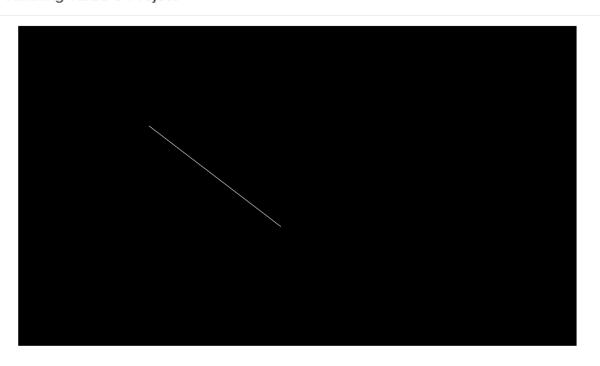
PRACTICAL 5:

Draw a line where coordinates are (150, 150, 300, 300).

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Output:

Running Turbo C Project



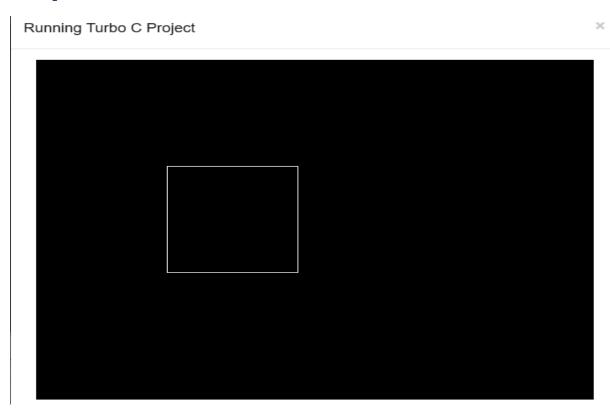
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PRACTICAL 6:

Draw a rectangle with the coordinates of (150, 150, 300, 300).

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```

Output:



PRACTICAL 7:

Draw a hut.

```
mainc

| #include <stdio.h>
| #include <stdio.h>
| #include <graphics.h>
| #include <graphics.h
| #include
```

Output:

