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SEM-6 SUBJECT- COMPUTER GRAPHICS & ANIMATION
SUBJECT CODE - PBC 602 FATHER'S NAME- SANJAY KUMAR
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Rani

Q2: #include <stdio.h>

#include <conio.h>

#include <graphics.h>

#include <math.h>

void main()

{ int x1, x2, x3, y1, y2, y3;

int gd=DETECT, gm;

int c;

initgraph(&gd, &gm, " ");

printf("Enter the 1st point for triangle:");

scanf("%d %d", &x1, &y1);

printf("Enter the 2nd point for triangle");

scanf("%d %d", &x2, &y2);

printf("Enter the 3rd point ");

scanf("%d %d", &x3, &y3);

cleardevice();

~~draw(x1, y1, x2, y2, x3, y3);~~

~~tri(x1, x2, x3, y1, y2, y3)~~

getch();

}

void draw(int x1, int y1, int x2, int y2, int x3, int y3)

{

line(x1, y1, x2, y2);

line(x2, y2, x3, y3);

line(x3, y3, x1, y1);

}

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void tri (int x1, int x2, int x3, int y1, int y2, int y3)
{
    int x, y, a1, a2, a3, b1, b2, b3;
    printf ("Enter Enter Transaction coordinates ");
    scanf ("%d %d", &x, &y);
    a1 = x1 + x;
    b1 = y1 + y;
    a2 = x2 + x;
    b2 = y2 + y;
    a3 = x3 + x;
    b3 = y3 + y;
    line (a1, b1, a2, b2);
    line (a2, b2, a3, b3);
    line (a3, b3, a1, b1);
}

```

Law

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Enter the 1st point for the triangle:100 150  
Enter the 2nd point for the triangle:320 210  
Enter the 3rd point for the triangle:432 320
```

