```
Non: = Soudeef singh Panwar
         ROLL N= 1121125 (49)
          Lection > D
Laurce Cod.
   # include < graphics. h)
   # include < Stalib. h)
   # jucled < stdioch)
    # judud og como. h)
    # include < math.h)
       void moviel)
          jut gms
         jutgd: DETECT)
           jut
     x1, x2, x3, y1, y2, y3, n+1, nx2, n+3, ny1, ny2, ny2, ny3, c)
           jut sx , sy, &xt, yt, Y)
             float to
            initgraph (891, 69m, "C; /tc / bg;");
           grind's (" It Program bor besic transactions)
          Brinds ("In It Enter the point of triangle ");
           Settlet Setcolor(1):
   line (+ 1, y1, x2, x2);
             line (x2, y2, x3, y2)
             line (x3, y3, x1, y1);
                getch();
                Print ( ( In 1. transaction In 2. Rotation In 3. Scallington
                                                        · ezity
                   Print (" Enter your choice");
                      & coul ("-1-1" be)
                      Switch (c)
```

(cese 1:

Prindf" In Enter the translation (peckers)

Scant ("1.d.1.d" 2xt, 29t))

Nx 1=x1 +xt;

Ny 1=y1 +yt;

Nx 2=x2 +xt;

Ny 2=y2+yt;

Ny 2=y2+yt;

Ny 2: x3+xt;

Ny 3: x3+xt;

Ny 3: y3+5t;

Line (nx 1, ny 1, nx 2, ny 2);

Line (nx 2, ny 2, nx 3, ny 3);

Line (nx 3, ny 3, nx 1, ny 1);

geldo;

Case 2)

Printf (In Enter the angle of rotation);

Cauj ("-1.d", 2-v);

I=3.14 = v /180;

N×t= abs (×1* (os(1)-y1* Sin(4));

Nyt= abs (×1* Gin(t)+y1* (os(1));

Ny2= n×2=abs (×2* Cos(1)-y2* Sin(1));

Ny2= abs (×2* Sin (1) + y2* (os(1));

N×3= abs (×3* Cos(1)-y3* Sin(1));

N×3= abs (×3* Cos(1)-y3* (os(1));

N×3= abs (×3* Sin (1) + y2* (os(1));

line (u×1, ny1, u×2, ny2);

line (u×2, uy2, u×3, uy3);

line (u×3, uy2, u×3, uy3);

line (u×3, uy2, u×3, uy1);

getch ();

Cose 3) Brinds ("In Enter Mr Lealling Backor"), &cas("-/d'/d' &sx -&sy)) 11x1= x1 + 5x) ny1 = y2 + Sy: NY 2: X2 * Sx) ny 2 = y 2 + Sy; N×3 = ×2+ Sx; ny 3 = y 3 * sy) line (nx1, ny1, nx2, ny 2); line (urz, ny 2, nx 3, ny 3), line (ux 3, ny 3, nx 1, ny 1)) getch () Case 4: breaks default) Prind(" lenter the correct choice ") Close graph ();