## NAME-AShPsh BPsht Roll no-1121026

```
Step 1: Stast Algoritm
Step 2 Declare 41/8/14/82/du/dy/4/9 as in
Varibable
Step3 Enter value 4,191,42,42
Step 4 calculate du = 42-41
8kp 5 Calculate dy = 42-81
Slep 6 IF ABS COUN > ABS COY)
         Then step = ab s (du)
         Else
Step 7: Winc = du/step
         4Pnc = Oly/Step
         assign u=u,
         ausign = y=y1
Step8 - Bet pfxel (mg)
          u = ut uinc
           Set pixels (Round (u), Round(g))
  Stp 10 - Repeat Step 9 untol us us
```

1

Step 11: End Algorithm 2

```
= 1 worke a pgr program to draw a done
    using DDA
   include < StdPo. N
   Photode < graphic . h)
    Int maln ()
      Int rou ( Ploat num)
          outwen Lnomeo? numd. s nom + 05;
      int a1 = 100X2 = 250, y1 = 100, y2 = 250, Step;
       PM = du = 42 - 41)
       int gd = DETECT, gm;
       float u, y, m;
       Pn+ dy = 82-81.
         m = dy/du
        of couldy)
            Step = du;
       else
           Step = dy;
         Pritigraph (8gd, 2gm");
          OUTHERTUY CAZIYI"B")
OUTHERTUY CAZIYI"B")
PUTPPREL CUR BI, REdd;
            u = 4, y = 8,
             unile (skpso)
                                   Ashish Bisht.
```

3

```
of [m<1]
       6 = gim;
     u = u + 1/m;
      y=y+1
     Putpixel Croulus souly RED);
        8tep ...;
      getch ();
```

Ashish Bisht.