Aust

Mid point well Algorithm

Step 17 Rutn=0 1 y= 91 in equation second We have p=1-91

stepa) Repeat Step While ndy

plat (noy)

then set P=P + ant 3

else p=p+2(n-y)+5
y=y-1 (end if)
y=x+1 (end leop)

Step3 > End

ansy

```
# include & grouphies.h?

# include & statio.h?

Void mid-point & int midn, int midy, into)
      int n=0 1/2=01, g=0, gm, dis drent;
init graph logd 14 gm, "");
   gi=1, 25-91;
      While (n 4=4)
      b 4(dit=0)
       dnesd = gi + 2 (n-y) +1;
        gnest = gi +at +1;
   putpinel ( * + mign, y + migy , 5);
 putpined (y+midn, n+midy 15);
```

```
Rutpinel (-n+mign, -y+migy, 5);
putpine (- 1+ mign , - n+migly 15);
Putpine (-14 mind n) x + mind y 15);
putpine lyt mign, -no migy, 5);
 putpine (4+ mign) - y+mig y, 5))
 putpinel (-h+mign) y+migy 15)
    gi= gnent;
               getch();
closegraph ();
 int main ()
 unt go = 0, gm;
printf ("enter the (0-ordinates (ny);");
Sterry (" 1.3 14", 6 midn, 6 midy);
printf (" enter the radius");
  Heart ("1.1.1") & 21);
  midpoint (midn, midy, 51);
    return 0',
```

enter the coordinates(x,y):200 300 enter the radius:90

