2015年1月4日2月1日1日1日1日1日1日1日日本 Manie-Kritika k4/40 100 Jaux On Maria Course - BCA'6'-C Rollno-17 (1121075) Subject - Comp. Graphics. Paper Code - TBC 602 Date - 16/0,6/2021 althought appropriately and

本本世一生大兴之人,

```
9 1-2 Mid point Circle Algorithm.
 Step 1: Put n=0, y=r in equation 2
We have p=1-r
 Step 2: Repeat steps vohile n \leq y
     Plot (n,y)
      9 ( p × 0)
  Then set p= b+2n+3.
      p=p+2 Cn-y )+5.
                        y = y-1 (endity).
     n=n+1 (end loop).
                         Step3; End
 P209 sam:
  # include < graphies. h>.
  # include < stdlib.h>
                       # Luclude < math. h>
 # Include < conio. hs.
 # unclude < Stdio. hz.
                       # include & lost o eam . h s.
 class bresen
                  float n, y, a, b, r, p;
  public:
   void get ();
   void Eal();
```

```
Noid main ()
  bresen big
  b.get ();
  b. cal ();
 get che o j
Void bresen s; get ().
Cout < 1. "Enter Center and radius : 113
 cout < 1 ENTER (a, b).";
 cin >> a >> b3
 Cout < c "Enter "";
ein >> 2;
void bresen: : eal()
Int ganver = DETECT, guode, errorcode;
 Ent midn, midy, i;
isst init graph la gariver, Degnode, "");
eroro code = graphresult ().
if (errorcode! = grok).
Eprint f C"Graphies error: "18 In", graphemorns
 printf ("Press any key to halt: 1);
                                        Cernorcode);
 getch ();
exite1);
```

N=0; 9=); butfixed (a, b+r, RED); butpixel (a, b-r, RED); purpixel (a-2, b, RED)3 but pixel (a+r, b, RED); b= 5/4 - 7; bohile (n<=y). 8 if (p< 0) D+= (4\*n)+63 else. b+=(2\*(n-y))+5; butpixel lata, bty, RED); putpixel (a-n, bty, RED); putpixel ( atn, b-y, RED); butfixed Catn, bfy, REDI putkixue (a+x, b+y, RED); putpicel (a+m, b-y, RED); putpixel Cafn, bty, RED); putpixel Ca-n, b-y (RED);