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PRN: 2020BTECS00037

Batch: T5

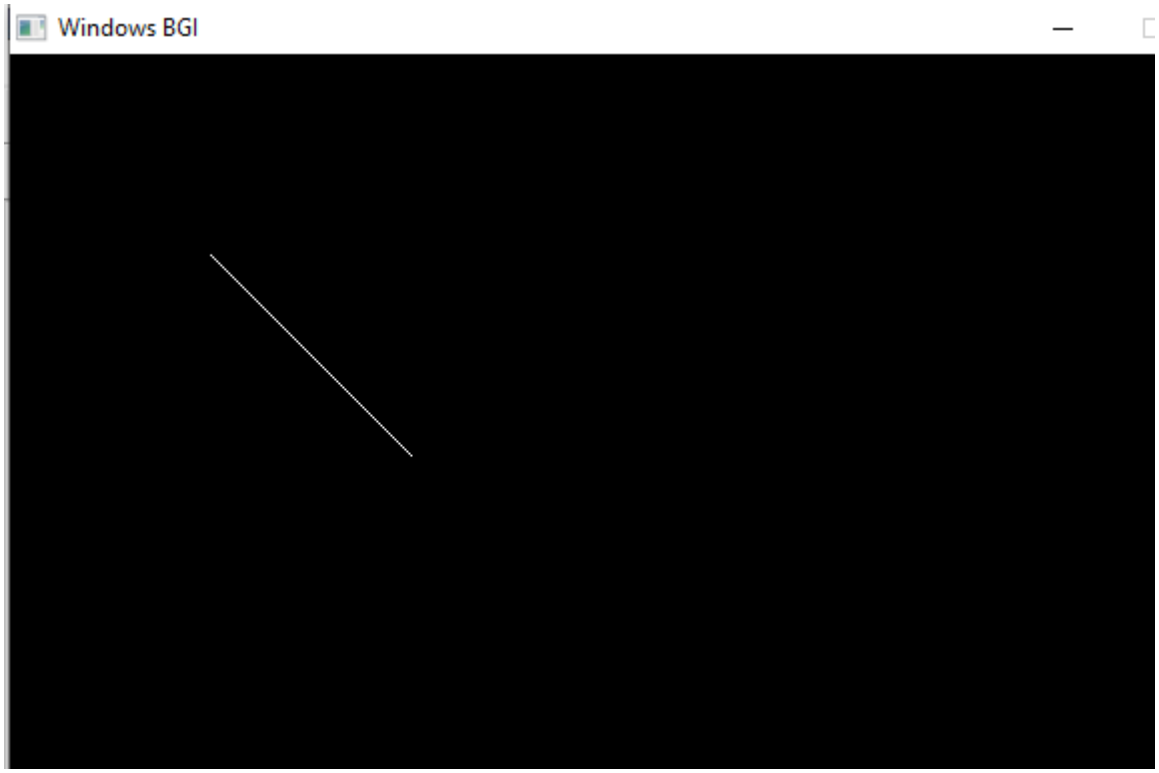
Experiment 2: Implementation of scan converting objects.

LINE:

cg2.cpp

```
#include<graphics.h>
int main(){
    int gd=DETECT, gm;
    initgraph(&gd,&gm,(char*)"");
    //point(100,100);
    line(100,100,200,200);
    getch();
    closegraph();
    return 0;
}
```

OUTPUT:

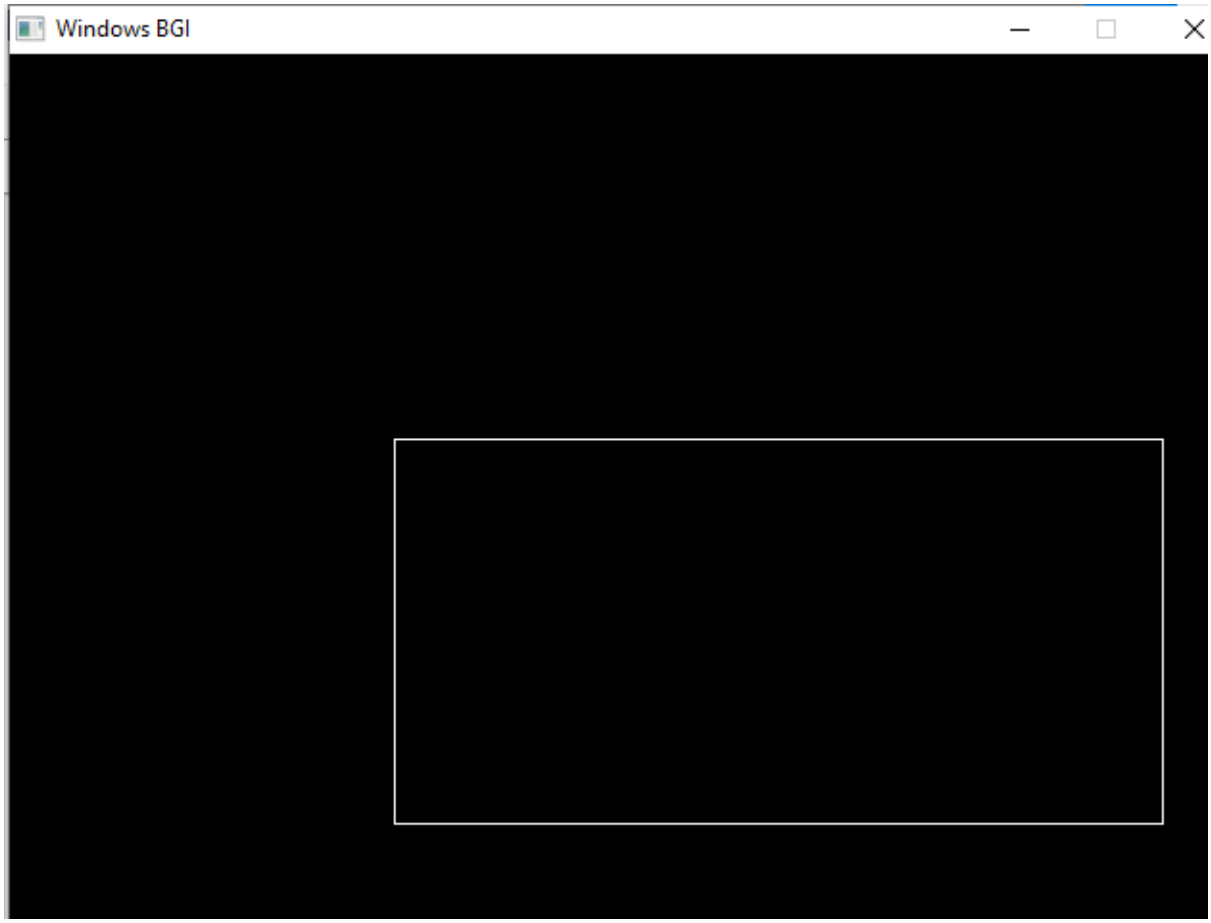


RECTANGLE:

[*] cg2.cpp

```
1   //#include<graphics.h>
2   //int main(){
3   //  int gd=DETECT, gm;
4   //  initgraph(&gd,&gm,(char*)"");
5   //  //point(100,100);
6   //  line(100,100,200,200);
7   //  getch();
8   //  closegraph();
9   //  return 0;
10  //}
11
12  #include<graphics.h>
13  int main(){
14      int gd =  DETECT, gm;
15      initgraph(&gd, &gm, (char*)"");
16      rectangle(200,200,600,400);
17      getch();
18      closegraph();
19      return 0;
20  }
```

OUTPUT:



CIRCLE:

[*] cg2.cpp

```
//  getch();
//  closegraph();
//  return 0;
//}

//#include<graphics.h>
//int main(){
//  int gd =  DETECT, gm;
//  initgraph(&gd, &gm, (char*)"");
//  rectangle(200,200,600,400);
//  getch();
//  closegraph();
//  return 0;
//}

#include<graphics.h>

int main(){
    int gd=DETECT, gm;
    initgraph(&gd,&gm, (char*)"");
    circle(100,100,100);
    getch();
    closegraph();
    return 0;
}
```

OUTPUT: