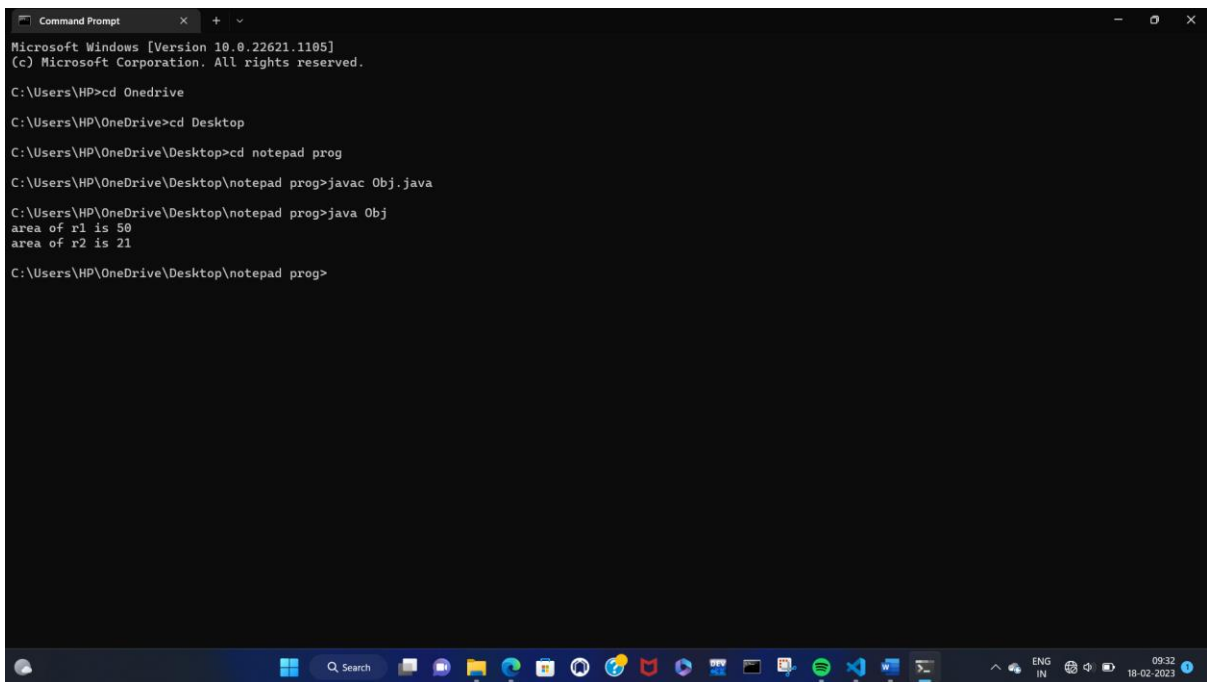# Q.1—>Write a java prog to create a class--

A) Name Rectangle with data members length and breadth, create 2 objects of class rectangle and initialize the data members using getData() method. Calculate the area of the 2 rectangle by using rectArea() method. Pass the data members from the main method into getData() method using any value.

/*by creating object*/

```java
class Rectangle
{
  int length;
  int breadth;
  void getData(int x,int y)
  {
    length=x;
    breadth=y;
  }
  int rectArea()
  {
    int area=length*breadth;
    return(area);
  }
}
class Obj
{
  public static void main(String args[])
  {
    Rectangle r1=new Rectangle();
```

```java
        Rectangle r2=new Rectangle();

        r1.getData(5,10);

        r2.getData(7,3);

        int area1=r1.rectArea();

        int area2=r2.rectArea();

        System.out.println("area of r1 is "+area1);

        System.out.println("area of r2 is "+area2);

    }

}
```

```
Microsoft Windows [Version 10.0.22621.1105]
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C:\Users\HP>cd Onedrive

C:\Users\HP\OneDrive>cd Desktop

C:\Users\HP\OneDrive\Desktop>cd notepad prog

C:\Users\HP\OneDrive\Desktop\notepad prog>javac Obj.java

C:\Users\HP\OneDrive\Desktop\notepad prog>java Obj
area of r1 is 50
area of r2 is 21

C:\Users\HP\OneDrive\Desktop\notepad prog>
```