

19.Area

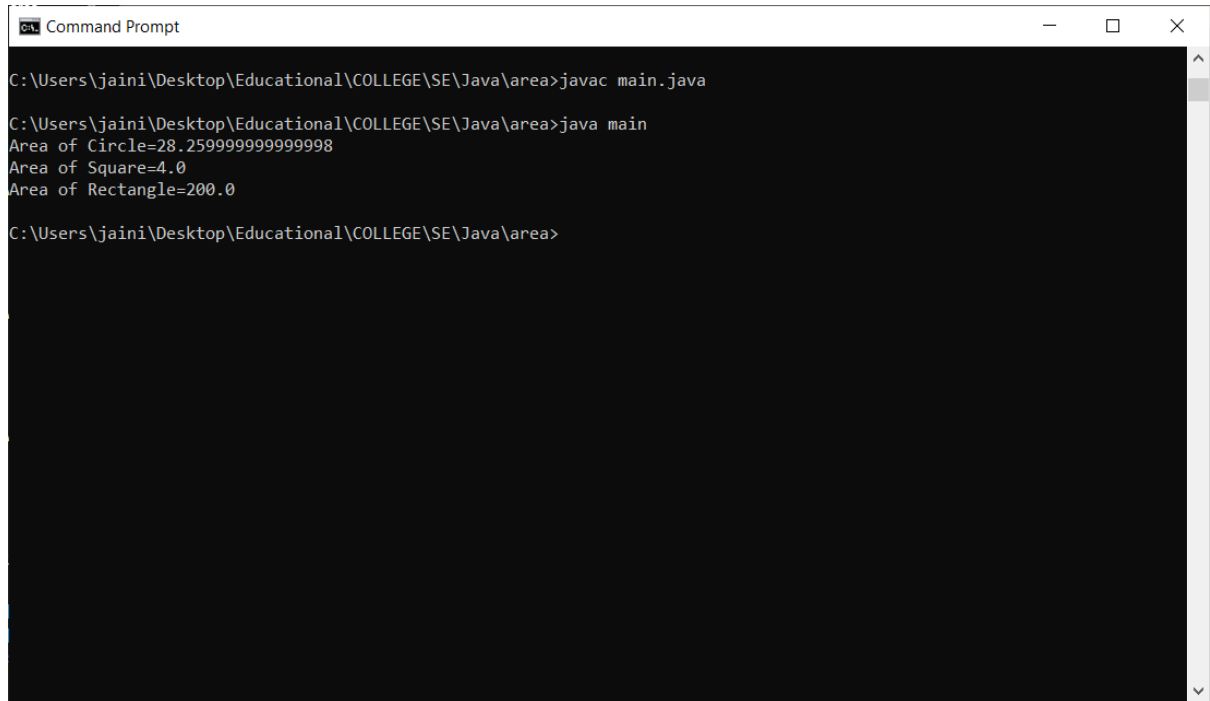
```
class shape
{
    double area;
    void area(double r)
    {
        area=3.14*r*r;
        System.out.println("Area of Circle="+area);
    }
    void area(int l,int b)
    {
        area=l*b;
        System.out.println("Area of Rectangle="+area);
    }
    void area(int a)
    {
        area=a*a;
        System.out.println("Area of Square="+area);
    }
}

class main
{
    public static void main(String args[])
    {
        shape circle=new shape();
        shape square=new shape();
        shape rectangle=new shape();
        circle.area(3.0);
        square.area(2);
    }
}
```

```
rectangle.area(10,20);
```

```
}
```

```
}
```



The screenshot shows a Windows Command Prompt window titled "Command Prompt". The window has a black background with white text. The command prompt shows the following sequence of commands and output:

```
C:\Users\jaini\Desktop\Educational\COLLEGE\SE\Java\area>javac main.java
C:\Users\jaini\Desktop\Educational\COLLEGE\SE\Java\area>java main
Area of Circle=28.259999999999998
Area of Square=4.0
Area of Rectangle=200.0
C:\Users\jaini\Desktop\Educational\COLLEGE\SE\Java\area>
```

The window includes standard Windows window controls (minimize, maximize, close) in the top right corner and a vertical scrollbar on the right side.