

Code:

```
import java.util.Scanner;

class calculations{

    final float PI = 3.142f ;

    float area(float radius){
        return radius*radius*PI;
    }

    float area(float length,float breadth){
        return length * breadth;
    }

}

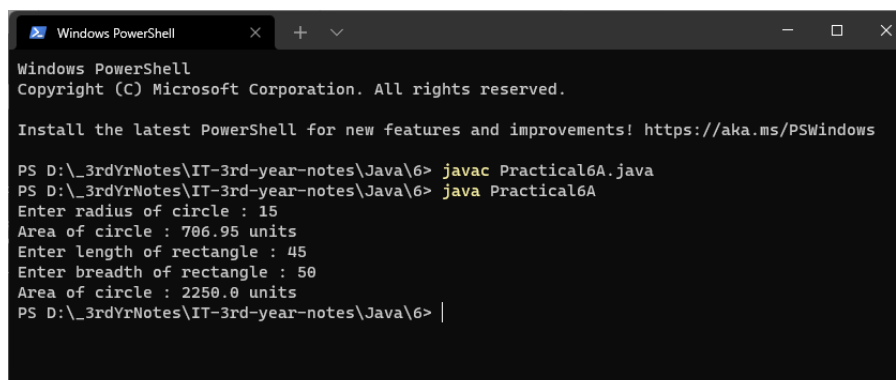
class Practical6A{

    public static void main(String[] args){
        calculations obj =new calculations();
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter radius of circle : ");
        float radius = sc.nextFloat();
        System.out.println("Area of circle : " + obj.area(radius) + " units"
);

        System.out.print("Enter length of rectangle : ");
        float length = sc.nextFloat();
        System.out.print("Enter breadth of rectangle : ");
        float breadth = sc.nextFloat();
        System.out.println("Area of circle : " + obj.area(length,breadth) + "
units" );
    }

}
```

Output:



```
Windows PowerShell
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PS D:\_3rdYrNotes\IT-3rd-year-notes\Java\6> javac Practical6A.java
PS D:\_3rdYrNotes\IT-3rd-year-notes\Java\6> java Practical6A
Enter radius of circle : 15
Area of circle : 706.95 units
Enter length of rectangle : 45
Enter breadth of rectangle : 50
Area of circle : 2250.0 units
PS D:\_3rdYrNotes\IT-3rd-year-notes\Java\6> |
```