_____JAVA PRACTICAL_____

CODE:

```
package JavaPrac;
import java.util.*;


abstract class Shape {
int a,b;
abstract public void printarea();

}
class Rectangle extends Shape{
	public int area_rect;
	public void printarea() {
		Scanner s=new Scanner(System.in);
		System.out.println("Enter the length and breadth of rectangle");
		a=s.nextInt();
		b=s.nextInt();
		area_rect=a*b;
		System.out.println("Length of rectangle "+a+" "+"Breadth of rectangle
"+b);
		System.out.println("The area of rectangle is:"+area_rect);

	}
}
class Square extends Shape{
	double area_sq;
	public void printarea() {
		Scanner s= new Scanner(System.in);
		System.out.println("Enter the side of square");
		a=s.nextInt();
		area_sq=a*a;
		System.out.println("Side of square"+a+" ");
		System.out.println("The area of square is:"+area_sq);
	}
}
class Circle extends Shape{
	double area_circ;
	public void printarea() {
		Scanner s= new Scanner(System.in);
		System.out.println("Enter the radius of circle");
		a=s.nextInt();
		area_circ=3.14*a*a;
		System.out.println("Radius of circle"+a);
		System.out.println("The area of circle is:"+area_circ);


	}
}
```

```java
public class Area{
	public static void main(String[] args) {
		Rectangle r = new Rectangle();
		r.printarea();
		Square sq = new Square();
		sq.printarea();
		Circle r1 = new Circle();
		r1.printarea();

	}
}
```

OUTPUT: