```java
import java.util.Scanner;
abstract class shape
{
    int length, breath;
    void printArea()
    {}
}
class rectangle extents shape
{
    double areaR;
    void printArea(){
        areaR = ( length * breath);
        System.out println(" The area of rectangle is
                    " + areaR + "  (m ^ 2");
    }
}

class main {
    public static void main( String args []){
        Scanner A = new Scanner ( system. in);
        Redtangle R1 = new Triangle ();
        circle C1 = new circle ();
    }
}
```