

```
package com.mycompany.prg1;
import java.util.*;

public class Prg1 {

    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        final double pi=22/7;
        System.out.println("enter the length and acceleration due to gravity");
        int l=sc.nextInt();
        int g=sc.nextInt();
        double t=2*pi*Math.sqrt(l/g);
        System.out.println("the time period of the pendulum is"+t);

    }
}
```

```
--- exec:3.5.1:exec (default-cli) @ prgl ---
enter the length and acceleration due to gravity
45 65
the time period of the pendulum is0.0
-----
BUILD SUCCESS
```