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```
7 *****
8
9 import java.util.*;
10 public class Main
11 {
12     public static void main (String[] args) {
13         Scanner io = new Scanner(System.in);
14         System.out.println("Input the radius of the circle: ");
15         double radius = io.nextDouble();
16         System.out.println("perimeter is = " + (2 * radius * Math.PI));
17         System.out.println("Area is = " + (Math.PI * radius * radius));
18     }
19 }
20 }
21 }
```

input

Input the radius of the circle:  
8  
perimeter is = 50.26548245743669  
Area is = 201.06192982974676

...Program finished with exit code 0  
Press ENTER to exit console.

Register

Display Expressions

Expression	Value
Enter expression to watch	

Breakpoints and Watchpoints

#	Description
---	-------------

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Main.java

```
1 - /*****
2
3         Online Java Compiler.
4         Code, Compile, Run and Debug java program online.
5         Write your code in this editor and press "Run" button to execute it.
6         *****/
7
8
9 import java.util.*;
10 public class Main {
11     public static void main(String[] args) {
12         Scanner in = new Scanner(System.in);
13         System.out.print("input first number");
14         int num1 = in.nextInt();
15         System.out.print("input second number");
16         int num2 = in.nextInt();
17         System.out.println(num1 + " x " + num2 + " = " + num1 * num2)
18     }
19 }
20 }
```

input  
input first number20  
input second number3  
20 x 3 = 60

...Program finished with exit code 0  
Press ENTER to exit console.

compiler

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ava

```
import java.util.*;
public class Main
{
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.print("Input first integer: ");
        long n = input.nextLong();
        System.out.print("The sum of the digits is: " + sumDigi

    }
    public static int sumDigits(long n) {
        int sum = 0;
        while (n != 0) {
            sum += n % 10;
            n /= 10;
        }
        return sum;
    }
}
```

input

Input first integer: 34  
sum of the digits is: 7

Program finished with exit code 0  
Press ENTER to exit console.





## Program 4

A java program to Print the area and Perimeter of a circle:

```
import java.util.*;
public class Main {
    public static void Main (String[] args) {
        Scanner io = new Scanner(System.in);
        System.out.println("Input the radius of the circle:");
        double radius = io.nextDouble();
        System.out.println("Perimeter is = " + radius * Math.PI);
        System.out.println("Area is = " + (Math.PI * radius * radius));
    }
}
```

# A program

A Java program to find the perimeter of a circle.  
import java.util.\*;

## Output

input first number 20

input second number 3

$$20 \times 3 = 60$$

---



Program 5

Write a Java Program that takes two numbers as input and displays the product of two numbers.

```
import java.util.*;  
public class Main {  
    public static void Main (String  
                                args)  
    {  
        Scanner in = new Scanner(System.in);  
        System.out.print("Input first  
                           number");  
        int num1 = in.nextInt();  
        System.out.print("Input second  
                           number");  
        int num2 = in.nextInt();  
        System.out.println(num1 + "  
                             + num2 + " = " + num1 +  
                             * num2);  
    }  
}
```

## Program 7

Write a java program and compute the sum of digits of an integer.

```
import java.util.*;  
public class Main
```

```
{  
    public static void Main (String [] args)  
    {  
        Scanner input = new Scanner(System.  
            in);
```

```
        System.out.println ("Input an integer");
```

```
        long n = input.nextLong();  
        System.out.println ("The sum of  
            digits is: " + sumDigits(n));  
    }  
}
```

```
public static int sumDigits(long n)  
{  
    int sum = 0;  
    while (n != 0){  
        sum += n % 10;  
        n /= 10;  
    }  
    return sum;  
}
```

Input first integer: 34

Sum of the digits is: 7



Online Java Compiler

egdb.com/online\_java\_compiler

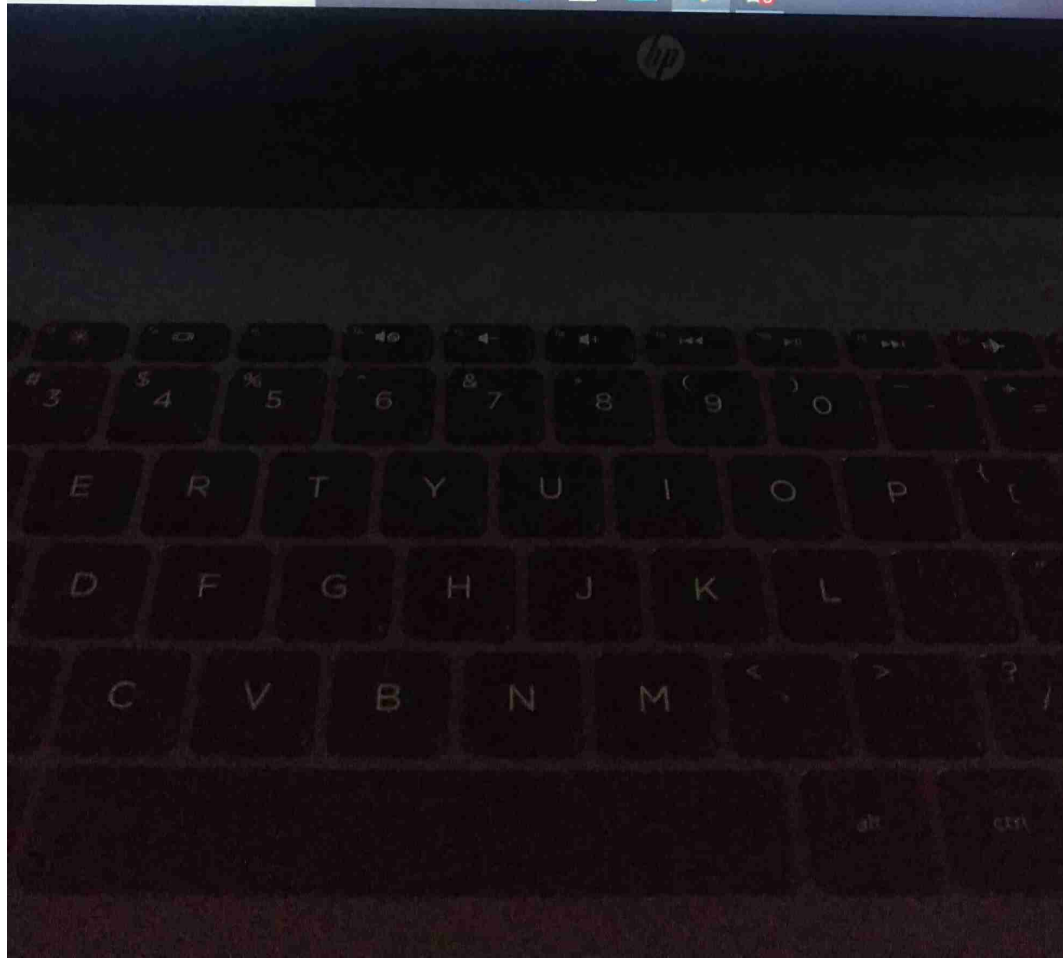
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Main.java

```
2
3
4      Online Java Compiler.
5      Code, Compile, Run and Debug java program online.
6      Write your code in this editor and press "Run" button to execute it.
7      *****
8
9      //Program to take a number as input and print its multiplication table up
10
11 import java.util.*;
12 public class Main{
13     public static void main(String[] args)
14     {
15         Scanner input = new Scanner(System.in);
16         System.out.print("Enter a number : ");
17         int num = input.nextInt();
18         for(int i=1;i<11;i++)
19         {
20             System.out.println(i+" x "+num+" = "+(i*num));
21         }
22     }
23 }
```

7 x 3 = 21  
8 x 3 = 24  
9 x 3 = 27  
10 x 3 = 30

...Program finished with exit code 0  
ENTER to exit console.



## Output

Input the radius of the circle  
8

Perimeter is = 50.26548245743669

Area is = 201.06192982974676

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onlinegdb.com online java compiler

**OnlineGDB beta**  
Compiler and debugger for c/c++

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Main.java

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```
3 Online Java Compiler.  
4 Code, Compile, Run and Debug java program online  
5 Write your code in this editor and press "Run" button to execute  
6
```

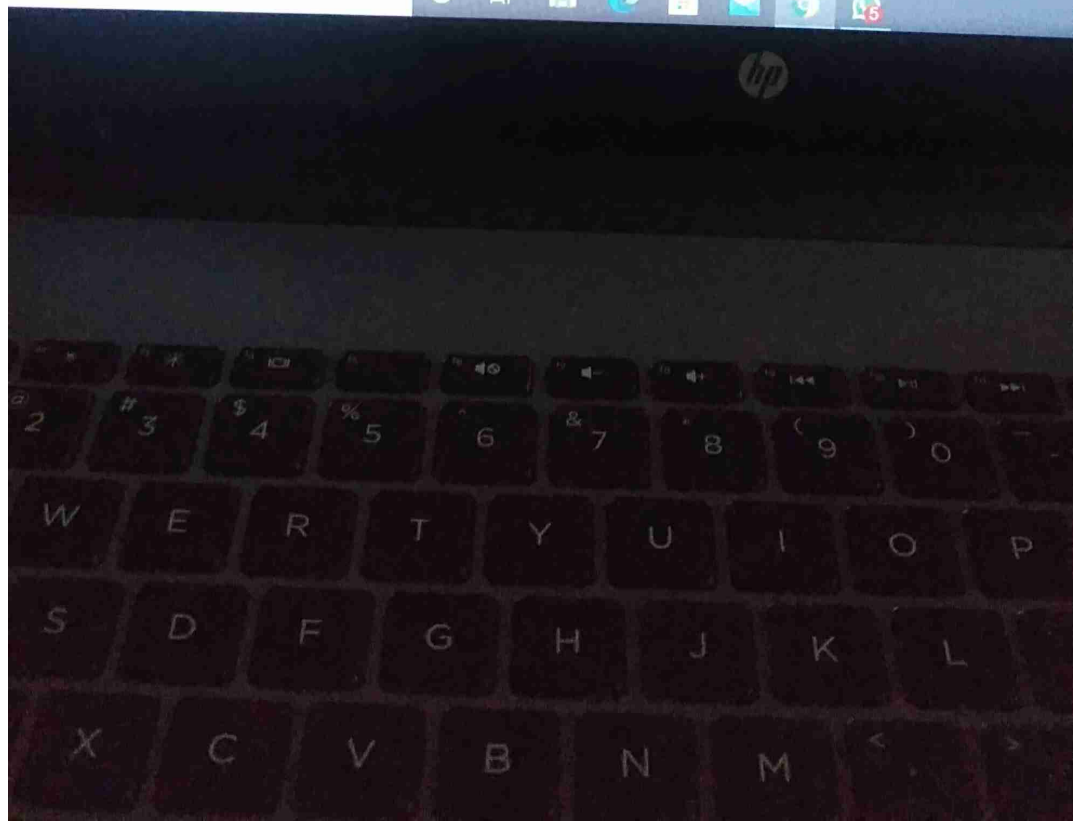
Enter a number : 3

```
1 x 3 = 3  
2 x 3 = 6  
3 x 3 = 9  
4 x 3 = 12  
5 x 3 = 15  
6 x 3 = 18  
7 x 3 = 21  
8 x 3 = 24  
9 x 3 = 27  
10 x 3 = 30
```

...Program finished with exit code 0  
Press ENTER to exit console.

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Taskbar icons: File Explorer, Edge, Mail, WhatsApp, Telegram, Messenger, 15





### Program 6

\* Write a java Program that takes a number as input and print its multiplication table upto 10.

```
import java.util.Scanner;
public class Main {
    private static Scanner SC;
    public static void Main(String[] args) {
        int num, i;
        SC = new Scanner(System.in);
        System.out.print("please Enter any number : ");
        for (i = 1; i <= 10; i++) {
            System.out.println(i + " * " + num + " = " + (i * num));
        }
        System.out.println("Thank u");
    }
}
```

## Output

Enter a number : 3

$$1 \times 3 = 3$$

$$2 \times 3 = 6$$

$$3 \times 3 = 9$$

$$4 \times 3 = 12$$

$$5 \times 3 = 15$$

$$6 \times 3 = 18$$

$$7 \times 3 = 21$$

$$8 \times 3 = 24$$

$$9 \times 3 = 27$$

$$10 \times 3 = 30$$