

**PRACTICE PROGRAM 1- MULTIPLICATION TABLE, EVEN NUMBERS AND SIMPLE INTEREST  
CALCULATOR (JAVA)**

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**ref: <https://studump.payperlez.com>**

1. Write a program that accepts user input to print multiplication table for any number

**SOLUTION**

```
import java.util.Scanner;
public class MultiplicationTable {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        Scanner only = new Scanner (System.in);

        System.out.println("Enter number to print its Multiplication Table: ");
        int ln = only.nextInt();

        System.out.println("MULTIPLICATION TABLE OF " + ln);

        for(int i = 1; i < 12; i++) {

            System.out.println(ln + " X " + (i) + " = " + (ln * (i)));
        }

    }
}
```

2. Use the while loop to generate the first 100 even numbers

**SOLUTION**

```
public class EvenNumbers2 {

    public static void main(String[] args) {

        int i = 1;
        while(i <= 200) {
            if(i % 2 == 0) {
                System.out.println(i);
            }
        }
    }
}
```

```

        i++;
    }
}
}

```

3. Write a program to perform the function of a Simple Interest Calculator.

**SOLUTION**

```

import java.util.Scanner;
public class SimpleInterestCalc{

    public static void main(String args[]) {

        //creating scanner to accept principle, rate and time input form user
        Scanner si = new Scanner(System.in);

        System.out.println("Please enter principle amount :");
        double input = si.nextDouble();

        System.out.println("Enter time in years : ");
        double time = si.nextDouble();

        System.out.println("Enter rate annually : ");
        double rate = si.nextDouble();

        double interest = simpleInterest(input, rate, time);

        System.out.println("Simple interested calculate by program is : " + interest);
    }

    public static double simpleInterest(double principle, double rate, double time){
        double interest = (principle*rate*time)/100;
        return interest;
    }
}

```