

```
import java.util.Scanner;

class Absolute {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.println("Welcome to Absolute value is: ");
        System.out.print("Please enter your number: ");
        int num = input.nextInt();
        int result = num >= 0 ? num : -num;
        System.out.println("Absolute value is: " + result);
    }
}
```

```
import java.util.Scanner;

class Absolute {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.println("Welcome to Absolute value is: ");
        System.out.print("Please enter your number: ");
        int num = input.nextInt();
        int result = num >= 0 ? num : -num;
        System.out.println("Absolute value is: " + result);
    }
}
```

```
import java.util.Scanner;
```

```
class Arithmetic {  
    public static void main(String[] args) {  
        Scanner input = new Scanner(System.in);  
        System.out.println("Welcome to Arithmetic Calculator");  
        System.out.print("Please enter the first number");  
        int first = input.nextInt();  
        System.out.print("Now, enter the second number");  
        int second = input.nextInt();  
  
        int add = first+second;  
        int sub = first-second;  
        int mul = first*second;  
        int div = first/second;  
        int mod = first%second;  
  
        System.out.println("Addition is:" + add);  
        System.out.println("Subtraction is:" + sub);  
        System.out.println("Multiplication is:" + mul);  
        System.out.println("Division is:" + div);  
        System.out.println("Modulus is: " + mod);  
  
    }  
}
```

```
class Array {  
    public static void main(String[] args) {  
        int[] myArr = new int[5];  
        myArr[0] = 98;  
        myArr[3] = 65;  
        myArr[1] = 2;  
        myArr[2] = 8;  
        myArr[4] = 37;  
  
        System.out.println(myArr[0]);  
        System.out.println(myArr[1]);  
        System.out.println(myArr[2]);  
        System.out.println(myArr[3]);  
        System.out.println(myArr[4]);  
    }  
}
```

```
import java.util.Scanner;

class CompoundInterest {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.println("Welcome to Compound Interest Calculator\n");
        System.out.print("Please enter your Principle Amount Rs: ");
        int principle = input.nextInt();
        System.out.print("Now,Tell me your rate of interest: ");
        int rate = input.nextInt();
        System.out.print("Now,Tell me how many years are you borrowed: ");
        float years = input.nextInt();

        double compInt = principle * Math.pow((1 + rate / 100), years);
        System.out.println("Your Compound Interest is Rs:" + compInt);
    }
}
```

```
import java.util.Scanner;

class FahrenheitTOCelsius {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.println("Welcome to Temperature Converter\n");
        System.out.print("Enter your temp in F: ");
        float fah = input.nextFloat();
        float cel = (fah - 32) * 5/9;
        System.out.println("Your temperature is: " + cel + "C");
    }
}
```

```
import java.util.Scanner;

class GoodMorning {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.println("Good Morning");
    }
}
```

```
class Hello {  
    public static void main(String[] args) {  
        System.out.println("Hello World");  
    }  
}
```



```
class Main {
    public static void main(String[] args) {
        System.out.println("*\n* *\n***\n****\n*****");
        System.out.println("*****\n *****\n ***\n **\n");
        System.out.println("    *\n    **\n    ***\n    ****\n    *****");
    }
}
```

```
class PatternPrinting {  
    public static void main(String[] args) {  
        System.out.println( "*");  
        System.out.println( "***");  
        System.out.println( "*****");  
        System.out.println( "*****");  
        System.out.println( "*****");  
  
    }  
}
```

```
import java.util.Scanner;

class Perimeter {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.println("Welcome to Perimeter Calculator\n");
        System.out.println("Please enter the All four side in cms: ");
        double a = input.nextDouble();
        double b = input.nextDouble();
        double c = input.nextDouble();
        double d = input.nextDouble();

        double perimeter = a+b+c+d;
        System.out.println("Perimeter of your rectangle is :" + perimeter + "cm");
    }
}
```

```
import java.util.Scanner;

class PositiveNegativeZero {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.println("Welcome to Number Checker\n");
        System.out.print("Please enter your number: ");

        int num = input.nextInt();
        if(num>0) {
            System.out.println("Your Number is Positive");
        }else if(num == 0){
            System.out.println("Your Number is Zero");
        }else{
            System.out.println("Your Number is Negative");
        }
    }
}
```

```
import java.util.Scanner;

class PrintingName {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.println("Welcome to Name Printing");
        System.out.println("Kg"+ "Coding");

    }
}
```

```
import java.util.Scanner;

class Product {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.println("Welcome to Product of Number");
        System.out.print("Please enter the first number: ");
        double first = input.nextInt();
        System.out.print("Now, enter the second number: ");
        double second = input.nextInt();
        double mul = first * second;
        System.out.println("Multiplication of your number is: " + mul);

    }
}
```

```
import java.util.Scanner;

class Relational {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.println("Welcome to Driving License\n");
        System.out.print("Please enter your age: ");
        int age = input.nextInt();

        if (age >= 18) {
            System.out.println("Your are eligible for Driving");
        } else {
            System.out.println("Beta Cycle Challah ");
        }
    }
}
```

```
import java.util.Scanner;

class SimpleInterest {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.println("Welcome to Simple Interest Calculator\n");
        System.out.print("Please enter your Principal Amount RS: ");
        int principle = input.nextInt();
        System.out.print("Now,Tell me your rate of Interest: ");
        int rate = input.nextInt();
        System.out.println("Now,Tell me how many years are you borrowed: ");
        float years = input.nextInt();

        float interest = (principle * rate * years/ 100) ;
        System.out.println("\n\nSimple interest is Rs: " + interest );
    }
}
```



```
import java.util.Scanner;

class sum {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.println("Welcome to our Calculator:");
        System.out.print("Please enter the first number");
        int firstNum = input.nextInt();
        System.out.print("Now, enter the second number: ");
        int secondNum = input.nextInt();
        int sum = firstNum + secondNum;
        System.out.println("Sum of your number is:" + sum);
    }
}
```

```
import java.util.Scanner;

class OddEven {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.println("Welcome to Number Checker\n ");
        System.out.print("Please enter your number: ");
        int num = input.nextInt();

        if(num % 2==0) {
            System.out.println("Your Number is Even");
        } else{
            System.out.println("Your Number is Odd");
        }
    }
}
```