```java
public class Q1 {
    public  static void main(String args[]){
        int a = 2;
        float b=2.0f;
        char c='2';
        String d="2";
        String e ="2.0";
        System.out.println(a + " " + b + " " + c + " "  + d +  " " + e );

       /*
     output:2 2.0 2 2 2.0


       * */
    }
    }                       //MafiaCode😊😊😊



import java.util.*;//import error

public class Q1B {
    public  static void main(String args[]){
        int x = 0;
        int y= 0;
     //   Scanner in = new Scanner("System.in");  //Scanner(System.in)
        Scanner in = new Scanner(System.in);
        System.out.println("Enter an ");

      //  x = in.readInt();//in.nextInt();
        x = in.nextInt();

        System.out.println("Enter an ");
      //  x = in.readInt();//in.nextInt();
        x = in.nextInt();
        System.out.println( x + y);

                                          //MafiaCode😊😊😊
  }
}



public class Q1C {
    public  static void main(String args[]){
        double radius = 3.33;
        double volume = (4/3)*Math.PI*radius;
```

```
        System.out.println(volume);
                                            //MafiaCode😉😉😉

    }

}



public class Q1d {
    public  static void main(String args[]){
        boolean b =false;
        int x = 0;
        System.out.println(!b && x ==0);//true
        System.out.println(b || x !=0);//false
        System.out.println(!b && x !=0);//false
        System.out.println(!b || x !=0);//true
                                                //MafiaCode😉😉😉


    }
}



public class Q1E {
    public  static void main(String args[]){
        int mystery =1;
        mystery = 1 - 2 * mystery++;
        mystery = mystery +1;
        System.out.println(mystery);// ans:0
                                                    //MafiaCode😉😉😉
    }
}



import java.util.Scanner;

public class Q2A {
    public static String convert(String str){
        StringBuffer sb= new StringBuffer(str);
        for(int i=0;i<sb.length();i++){
            if(sb.charAt(i)<48 || sb.charAt(i)>57){
                sb.deleteCharAt(i);
                i--;
            }
```

```
        }
        return sb.toString() ;
    }
    public  static void main(String args[]){
        String str;
        Scanner s;
        s = new Scanner(System.in);
        System.out.print("Please enter an integer between 1 and 999,999:");
        str = s.nextLine();
        str = convert(str);
        System.out.println(str);
                                    //MafiaCode😊😊😊
  }
}



import java.util.LinkedList;
import java.util.Scanner;
import java.util.*;

public class Q2C {
    public  static  void main(String args[]){
        Scanner s;
        int a;
        int count=0;
        int sum=0;

        s = new Scanner(System.in);
        a = s.nextInt();

        Stack<Integer> stack = new Stack<Integer>();
        while (a > 0) {                                          //digeit to number
            stack.push( a % 10 );
            a = a / 10;
            count ++;
        }
        int arr[] = new int[count];
        for(int i =0;i<=count-1;i++){
            arr[i] = stack.pop();
           // System.out.println(stack.pop());
        }
        for(int j=0;j<count;j++) {                               //finding odd numbers
            if (arr[j] % 2 != 0) {
               // System.out.println(arr[j]);
                sum +=arr[j];

            }
```

```
        }
        System.out.println(sum);

        }                                                    //MafiaCode😋😋😋
}



public class Q3b {
    public  static  void main(String args[]){

        //  1)
        int [] values = new  int[10];
        for(int i =0; i<=values.length;i++){
            values[i] = i*i;  //ArrayIndexOutOfBoundsException

        }
        //  2)

       /* int [] values ;//no value
        for(int i =0; i<=values.length;i++){
            values[i] = i*i;

        }*/


    }        //MafiaCode😋😋😋
}



public class Q3C{
        public  static  void main(String args[]) {

            /*
            1)
            BankAccount account =  new SavingAccount();//invalid

            2)
            SavingAccount account2 = new BankAccount ();//invalid
            3)
             BankAccount account = null //valid
             4)
             Save account1 =  account;//invalid

            */
```

```
        }          //MafiaCode😊😊😊
}


public class Q4a {

    public  static  void main(String args[]) {
        //Demo
        String s ="sorder";
        String ss ="sorder";
        System.out.print(s == ss);

        /*
            output will be true
*/
    }         //MafiaCode😊😊😊
  }




// A Class that represents use-defined expception
class MyException extends Exception
{

}
// A Class that uses above MyException
public class Q5d {

        // Driver Program
        public static void main (String args[])
        {
            try {
                // Throw an object of user defined exception
                throw new MyException();
            } catch (MyException ex) {
                System.out.println("Caught");
                System.out.println(ex.getMessage());
            }
        }                                                          //MafiaCode😊😊😊
  }


                    //Mafia✌️💔

                    //contact:mafiacode20@gmail.com
```