

# Scanners – Input

## 2020 CCC Contest, Junior 1

```
import java.util.*; //libraries for Scanners
import java.io.*;

public class Y2020_J1 {
    public static void main(String args[]) throws IOException {

        Scanner scan = new Scanner(System.in); //opens scanner

        int s = scan.nextInt(); //gets numbers
        int m = scan.nextInt(); //no prompts for the contest
        int l = scan.nextInt();

        int total = s + m*2 + l*3;

        if(total >=10)
            System.out.println("happy");
        else
            System.out.println("sad");

        scan.close(); //closes off scanner, not mandatory
    }
}
```

## Input Demo

```
import java.util.*; //libraries for Scanners
import java.io.*;

public class InputDemo {
    public static void main(String args[]) throws IOException {

        Scanner scan = new Scanner(System.in); //opens scanner

        int i = scan.nextInt(); //gets ints
        double d = scan.nextDouble(); //gets Doubles
        String s1 = scan.next(); //get a String
        char c = s1.charAt(0); //pulls out a char in that position

        System.out.println(i+" "+d+" "+s1+" "+c);

        scan.close(); //closes off scanner, not mandatory
    }
}
```