**NAME : NAVYA POOJARY DATE : 5\7\2019**

**USN : 4AL17IS031**

**1) This challenge requires you to print  HELLO WORLD on a single line, and then print the already provided input string to**[**stdout**](https://en.wikipedia.org/wiki/Standard_streams#Standard_output_.28stdout.29)**.**

**Note: You do not need to read any input in this challenge.**

ANSWER-

C

#include <stdio.h>

#include <string.h>

#include <math.h>

#include <stdlib.h>

int main()

{

char s[100];

printf("Hello, World!\n");

printf("Welcome to C programming.\n");

scanf("%s",&s);

return 0;

}

OUTPUT

Hello, World!

Welcome to C programming.

POINTS : 5

2) This is a simple challenge to help you practice printing to [stdout](https://en.wikipedia.org/wiki/Standard_streams#Standard_output_.28stdout.29). You may also want to complete [Solve Me First](https://www.hackerrank.com/challenges/solve-me-first) in C++ before attempting this challenge.

We're starting out by printing the most famous computing phrase of all time! In the editor below, use either [printf](http://www.cplusplus.com/printf) or [cout](http://www.cplusplus.com/cout) to print the string HELLO WORLD  to [stdout](https://en.wikipedia.org/wiki/Standard_streams#Standard_output_.28stdout.29).

ANSWER

C++

#include <iostream>

#include <cstdio>

using namespace std;

int main() {

printf("Hello, World!");

return 0;

}

OUTPUT:

* **Hello, World!**

POINTS : 5

3) Read  3 numbers from stdin and print their sum to stdout.

**Note:** If you plan on completing this challenge in *C* instead of *C++*, you'll need to use format specifiers with *printf* and *scanf*.

#include <cmath>

#include <cstdio>

#include <vector>

#include <iostream>

#include <algorithm>

using namespace std;

int main()

{

int a,b,c;

cin>>a>>b>>c;

int sum=a+b+c;

cout<<sum;

return 0;

}

INPUT

1 2 7

OUTPUT

10

POINTS : 5

4) Complete the *main* method by copying the two lines of code below and pasting them inside the body of your *main* method.

ANSWER-

JAVA

public class Solution {

public static void main(String[] args)

{

System.out.println("Hello, World.");

System.out.println("Hello, Java.");

}

}

OUTPUT

* **Hello, World.**
* **Hello, Java. {-truncated-}**

**POINTS : 3**

5) In this challenge, you must read  3 integers from stdin and then print them to stdout. Each integer must be printed on a new line. To make the problem a little easier, a portion of the code is provided for you in the editor below.

ANSWER-

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner scan = new Scanner(System.in);

int a = scan.nextInt();

int b=scan.nextInt();

int c=scan.nextInt();

scan.close();

System.out.println(a);

System.out.println(b);

System.out.println(c);

}

}

OUTPUT

* **42**
* **100**
* **125**

POINTS : 5

date : 6\7\2019

Your task is to take two numbers of int data type, two numbers of float data type as input and output their sum:

1. Declare 4  variables: two of type int and two of type float.
2. Read 2  lines of input from stdin (according to the sequence given in the 'Input Format' section below) and initialize your variables.
3. Use the +  and -  operator to perform the following operations:
   * Print the sum and difference of two int variable on a new line.
   * Print the sum and difference of two float variable rounded to one decimal place on a new line.

#include <stdio.h>

#include <string.h>

#include <math.h>

#include <stdlib.h>

int main()

{

int a,b,sum,dif;

float c,d,sum1,dif1;

scanf("%d%d",&a,&b);

scanf("%f%f",&c,&d);

sum=a+b;

dif=a-b;

sum1=c+d;

dif1=c-d;

printf("%d %d\n",sum,dif);

printf("%0.1f %0.1f \n",sum1,dif1);

return 0;

}

output

* **14 6**
* **6.0 2.0{-truncated-}**