Code, Compile & Run

Ide   ✕   +

Contest Code/Name (e.g. JULY15/PRACTICE)	Problem Code/Name (e.g. TEST)	Select

C++14 (gcc 6.3) ▾   🖫   🗑   Code gets autosaved every second   ❶   ⬇   ↙   ⚙

```
1   #include <stdio.h>
2   int main()
3 ▾ {
4       int num1, num2, sum;
5       int *ptr1, *ptr2;
6   ptr1 = &num1;
7       ptr2 = &num2;
8       printf("Enter any two numbers: ");
9       scanf("%d%d", ptr1, ptr2);
10    sum = *ptr1 + *ptr2;
11    printf("Sum = %d", sum);
12    return 0;
13  }
```

11.0   ⟳

Open File   ✓ Custom Input   Run

Custom Input
10 20 |

Status Successfully executed   Date 2020-07-08 04 20 20   Time 0 sec   Mem 15.232 kB   ✕

Input
10 20

Output
Enter any two numbers: Sum = 30

Algorithm :

Step 1 : Start

Step 2 : Declare variables num 1

Step 3 : Read values num 1 and num 2

Step 4 : Add num 1 and num 2 and sum = num1 + num2

Step 5 : Display sum

Step 6 : Stop

Flowchart :

```
              ┌──────────┐
              │  start   │
              └────┬─────┘
                   │
                   ▼
   ┌─────────────────────────────────────────┐
   │ Declare variables num1, num 2 & sum      │
   └─────────────────────┬───────────────────┘
                         │
                         ▼
       ╱─────────────────────────────────╱
      ╱  Read num1 & num 2              ╱
     ╱─────────────────────────────────╱
                         │
                         ▼
   ┌─────────────────────────────────────────┐
   │ Add num1, num 2 & assign value to   sum  │
   │    sum = num 1 + num 2                    │
   └─────────────────────┬───────────────────┘
                         │
                         ▼
       ╱─────────────────────────╱
      ╱  Print sum              ╱
     ╱─────────────────────────╱
                         │
                         ▼
              ┌──────────┐
              │  stop    │
              └──────────┘
```