

Q1. WAP to find the sum of given 2 numbers?

```
#include <stdio.h>
```

```
int main () {
```

```
float a=10, b=5, c;
```

```
c=a+b;
```

```
printf("The sum is = %f", c);
```

```
return 0;
```

```
}
```

C:\Users\mihir\Desktop\Assignment\Ass_2\add.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Debug

(globals)

Project Classes Debug add with user.cpp Untitled1.cpp add.cpp diff with user.cpp Untitled2.cpp division with user.cpp product with user.cpp CALC.cpp Untitled3.cpp add.cpp

```
1 #include <stdio.h>
2
3 int main(){
4     float a=10,b=5,c;
5     c=a+b;
6     printf("The sum is = %f",c);
7     return 0;
8 }
```

C:\Users\mihir\Desktop\Assignment\Ass_2\add.exe

The sum is = 15.000000

Process exited after 0.05417 seconds with return value 0

Press any key to continue . . .

Compiler Resources Compile Log Debug Find Results Close

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\mihir\Desktop\Assignment\Ass_2\add.exe
- Output Size: 149.16796875 KiB
- Compilation Time: 0.20s

Line: 1 Col: 1 Sel: 0 Lines: 8 Length: 121 Insert Done parsing in 0.015 s

Type here to search

15:48 15-04-2021

Q2 WAP to find sum of any two numbers given by user.

```
#include <stdio.h>
```

```
int main () {
```

```
    float a, b, c;
```

```
    printf("Enter the no for addition = \n");
```

```
    scanf("%f%f", &a, &b);
```

```
    c = a + b;
```

```
    printf("The sum is = %f", c);
```

```
    return 0;
```

```
}
```

C:\Users\mihir\Desktop\Untitled1.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Debug

(globals)

Project Classes Debug add with user.cpp Untitled1.cpp add.cpp diff with user.cpp Untitled2.cpp division with user.cpp product with user.cpp [*] CALC.cpp Untitled3.cpp

```
1 #include <stdio.h>
2
3 int main(){
4     float a,b,c;
5     printf("Enter the no for addition = \n");
6     scanf("%f%f",&a,&b);
7     c=a+b;
8     printf("The sum is = %f",c);
9     return 0;
10 }
```

C:\Users\mihir\Desktop\Untitled1.exe

```
Enter the no for addition =
50
7
The sum is = 57.000000
-----
Process exited after 4.636 seconds with return value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

About Compilation

Compilation results...

- Errors: 0

- Warnings: 0

- Output Filename: C:\Users\mihir\Desktop\Untitled1.exe

- Output Size: 149.5068359375 KiB

- Compilation Time: 0.27s

<

Line: 10 Col: 2 Sel: 0 Lines: 10 Length: 190 Insert Done parsing in 0.031 seconds



Type here to search



15:45
15-04-2021

Q3. WAP to find sum, difference, product and division of 2 numbers.

```
#include <stdio.h>
```

```
float a, b, c, d, e, f;  
printf("Enter the number on which operations are to be performed\n");  
scanf("%f%f", &a, &b);  
c = a + b;  
printf("The sum is = %f\n", c);  
d = a - b;  
printf("The diff is = %f\n", d);  
e = a * b;  
printf("The product is = %f\n", e);  
f = a / b;  
printf("The division is = %f\n", f);  
  
return 0;  
}
```

```
1  #include <stdio.h>
2
3  int main(){
4      float a,b,c,d,e,f;
5      printf("Enter the number on which operations are to be performed\n");
6      scanf("%f%f",&a,&b);
7      c=a+b;
8      printf("The sum is = %f\n",c);
9      d=a-b;
10     printf("The diff is = %f\n",d);
11     e=a*b;
12     printf("The product is = %f\n",e);
13     f=a/b;
14     printf("The divison is = %f\n",f);
15     return 0;
16 }
17
```

Abort Compilation

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\mihir\Desktop\Assignment\Ass_2\CALC.exe
- Output Size: 150.0068359375 KiB
- Compilation Time: 0.25s
```

```
Enter the number on which operations are to be performed
50
2
The sum is = 52.000000
The diff is = 48.000000
The product is = 100.000000
The divison is = 25.000000

-----
Process exited after 2.779 seconds with return value 0
Press any key to continue . . .
```



Type here to search

15:48
15-04-2021

Q4. WAP to find simple interest of given principle, rate and time.

```
#include <stdio.h>
```

```
int main () {
```

```
    int principle, interest-rate, time;
```

```
    float simple-interest;
```

```
    printf("Enter the principal amount \n");
```

```
    scanf("%d", &principle);
```

```
    printf("Enter the interest rate in percentage \n");
```

```
    scanf("%d", &interest-rate);
```

```
    printf("Enter the time duration \n");
```

```
    scanf("%d", &time);
```

```
    simple-interest = (principle * interest-rate * time) / 100;
```

```
    printf("Simple interest is %f \n", simple-interest);
```

```
    return 0;
```

```
}
```



```
1 #include <stdio.h>
2
3 int main(){
4     int principle,interest_rate ,time;
5     float simple_interest ;
6     printf("Enter the principle amount \n");
7     scanf("%d",&principle);
8     printf("Enter the interest rate in percentage \n");
9     scanf("%d",&interest_rate);
10    printf("Enter the time duration \n");
11    scanf("%d",&time);
12    simple_interest = ( principle * interest_rate * time )/100 ;
13    printf("Simple interest is %f\n",simple_interest);
14    return 0;
15 }
```

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\mihir\Desktop\SI.exe
- Output Size: 150.0068359375 KiB
- Compilation Time: 0.81s

```
Enter the principle amount
300000
Enter the interest rate in percentage
7
Enter the time duration
4
Simple interest is 84000.000000
```

Process exited after 31.64 seconds with return value 0
Press any key to continue . . .

