

/*

It is only a template to write the report.

This comment should not be included in your report.

Remind: There is no possibility that the test cases from different reports are exactly the same.

*/

Subject: PRF192

Workshop 01

Name: Võ Quốc Trình

Student ID: DE12345

1. Write a function to calculate the addition of two real numbers.

a. The function is:

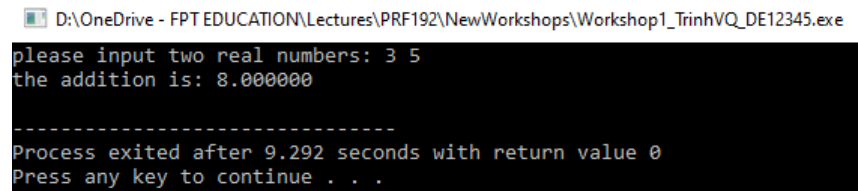
```
13 float addition(float number1, float number2){
14     float result;
15     result = number1 + number2;
16     return result;
17 }
```

b. Call the function in main function:

```
4 int main(){
5     float n1, n2, add;
6     printf("please input two real numbers: ");
7     scanf("%f%f", &n1, &n2);
8     add = addition(n1, n2);
9     printf("the addition is: %f\n", add);
10    return 0;
11 }
```

c. Test:

- The first case:



```
D:\OneDrive - FPT EDUCATION\Lectures\PRF192\NewWorkshops\Workshop1_TrinhVQ_DE12345.exe
please input two real numbers: 3 5
the addition is: 8.000000

-----
Process exited after 9.292 seconds with return value 0
Press any key to continue . . .
```

Walkthrough:

Line 7: enter 3 5 → n1 =3 and n2=5

Line 8: function “addition” is called → pass 3 and 5 to the function “addition”

Line 13: number1=3 and number2=5

Line 15: result=3+5=8

Line 8: result returned by addition function is assigned to add

Line 9: print the value of add

- The second case: ...