```cpp
#include "pch.h"
#include "../../Task 02/Project1/Header.h"

TEST(squareTest, square)
{

    EXPECT_EQ(121, (square<int>(11)));
    // Not working for Float!
    EXPECT_DOUBLE_EQ(39.69, (square<int>(6.3)));
}


TEST(squareTest, square2)
{

    EXPECT_EQ(121, (square<int>(11)));

}
```

Solution 'Project1' (2 of 2 projects)
- Project1
  - References
  - External Dependencies
  - Header Files
  - Resource Files
  - Source Files
    - Header.h
    - Source.cpp
- Sample-Test1
  - References
  - External Dependencies
  - packages.config
  - pch.cpp
  - pch.h
  - test.cpp

Properties

Test Explorer

Test	Duration	Traits	Error Message
Sample-Test1 (2)	1 ms		
<Empty Namespace> (2)	1 ms		

Group Summary
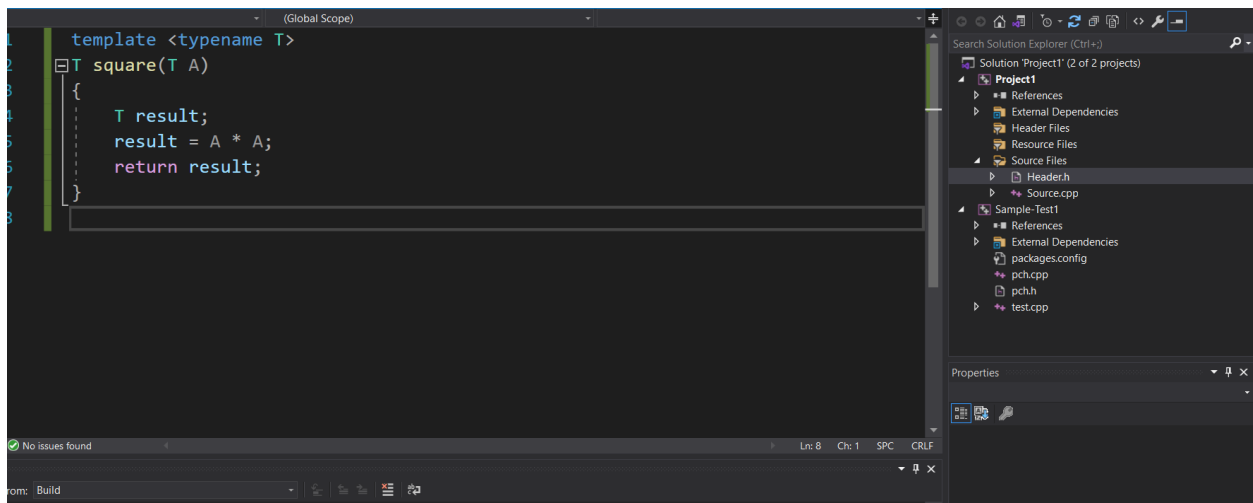
<Empty Namespace>

Tests in group: 2

Total Duration: 1 m

Outcomes

1 Passed

1 Failed

```
template <typename T>
T square(T A)
{
    T result;
    result = A * A;
    return result;
}
```

Running Other tests.

```
#include "pch.h"
#include "../../Task 02/Project1/Header.h"


TEST(division,divison){

    EXPECT_EQ(1,division(4,4));
}
```

```
template <typename T1, typename T2>
T1 division(T1 A, T2 B)
{
    if (B != 0)
        return A / B;
    else
        return -1;
}
```