

Templates

May 12, 2020

```
In [ ]: #include <assert.h>
```

```
// TODO: Create a generic function Product that multiplies two parameters  
template <typename T>  
T Product(T a, T b) {  
    return a * b;  
}
```

```
int main() {  
    assert(Product<int>(10, 2) == 20);  
    assert(Product<double>(10.1, 2) == 20.2);  
    assert(Product<float>(10.0, 2.5) == 25.0);  
}
```

Compile & Execute

Explain

Loading terminal (id_0mahhfj), please wait...