```cpp
//
//  main.cpp
//  C++ Terminal
//
//  Created by Jiaqi Li on 2019/5/29.
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// real domain square root calculator with friendly wrapper
//

#include <iostream>
#include <cmath>

bool mysqrt(double n, bool failed)
{
    if(n>=0){
        failed = false;
        //n = sqrt(n); c++ functions can only return one type
    }
    else {
        failed = true;
        //n = 0; c++ functions can only return one type
    }
    return failed;
}


int main()
{
    double n;
    bool failed = false;
    std::cout << "Please enter a number: ";
    std::cin >> n;
    failed = mysqrt(n, failed);
    if (failed == false){
    std::cout <<"The square root is "<< sqrt(n) << ".\n";
    }
    else{
        std::cout <<"This operation cannot be performed." << "\n";
    }

    return 0;
}
```