

```
//*****  
//  
// sample solution for pa1.cc -- Fall 2005  
//  
//*****  
  
#include <iostream>  
using namespace std;  
  
int main()  
{  
    int    degreesF;  
    double degreesC;  
  
    cout << "Enter a temperature in degrees Fahrenheit: ";  
    cin >> degreesF;  
  
    degreesC = (degreesF - 32) * 5.0 / 9.0;  
    cout << "The Celsius equivalent is: " << degreesC << endl;  
  
    return 0;  
}
```