

In Class Activity 3: Distance ConverterObjective

In this assignment, you will be practicing variables, literals, and constants.

Activity: Distance Converter

	10		(10.621371)
		621371	

const  
Variable: Km and miles  
types: float or double  
Constants: double c/c  
Km\_miles

Write a program that takes a real number from user that represents a distance in kilometers. Then your program should calculate and output the distance in miles. Note that 1 Km is equivalent to 0.621371 miles.

```
#include <iostream>
using namespace std;

//*****

int main()
{
    // Definitions
    const double Km_miles = 0.621371;
    double miles,
           km;

    //input
    cout << "Enter the number of kilometers";
    cin >> km;

    //Processing
    miles = km * Km_miles;

    //Output
    cout << "Miles = " << miles;

    return 0;
}
//*****
```