**Ghana Communication Technology University**

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**Course: High level programming language**

**Lecturer: Augustus Buckman.**

**Group: Evening**

#include <iostream>

using namespace std;

// Named constants

const double INCHES\_TO\_CM = 2.54;

const int INCHES\_PER\_FEET = 12;

int main() {

// Variable declaration

int feet, inches;

double totalInches, centimeters;

// Input the length in feet and inches

cout << "Enter the length in feet: ";

cin >> feet;

cout << "Enter the length in inches: ";

cin >> inches;

// Calculate total inches

totalInches = feet \* INCHES\_PER\_FEET + inches;

// Calculate centimeters

centimeters = totalInches \* INCHES\_TO\_CM;

// Output the result in centimeters

cout << "Equivalent length in centimeters: " << centimeters << " cm" << endl;

return 0;

}