Exercise\_2\_solution

Question\_1

#include <iostream>

#include <cmath>

#include <iomanip>

using namespace std;

int main()

{

double height, weight, bmi;

char answer;

cout << "Welcome to English BMI calculator" << endl;

cout << "Please enter your weight (in pounds): ";

cin >> weight;

cout << "Please enter your height: (in inch): ";

cin >> height;

bmi = (weight / pow(height, 2)) \* 703;

cout << fixed << setprecision(2) << "Your English BMI is: " << bmi << endl;

system("pause");

return 0;

}

Question\_2

#include <iostream>

#include <cmath>

#include <iomanip>

using namespace std;

int main()

{

double height, weight, bmi;

char answer;

cout << "Welcome to English BMI calculator" << endl;

do{

cout << "Please enter your weight (in pounds): ";

cin >> weight;

cout << "Please enter your height: (in inch): ";

cin >> height;

bmi = (weight / pow(height, 2)) \* 703;

cout << fixed << setprecision(2) << "Your English BMI is: " << bmi << endl;

cout << "Do you want to continue (Yes / No) ?";

cin >> answer;

} while (answer != 'N' && answer !='n');

system("pause");

return 0;

}

\*You can use the build-in function “toupper()” or “tolower()” to control the answer always be upper case or lower case, then you just need one statement in your while loop condition to check the answer.