Loops programs

#include <iostream>

int main()

{

char letter;

std::cin >> letter;

while (letter != 'A' && letter != 'b' && letter != 'C')

{

std::cout << "Test";

std::cin >> letter;

}

return 0;

}

FIZZBUZZ

#include <iostream>

using namespace std;

int main()

{

    // declare variables

    int fizz = 3;

    int buzz = 5;

    int endNumber = 100;

    int fizzBuzz = fizz \* buzz;

    // ^ numbers divisible by 3 and 5 are also divisible by 3 \* 5

    // start the loop, continue until the counter

    // reaches the 'end'

    for (int currentNumber = 1; currentNumber <= endNumber; ++currentNumber)

    {

        if (currentNumber % fizzBuzz == 0) // divisible by 3 and 5

        {

            cout<<"FIZZ BUZZ!!\n";

        }

        else if (currentNumber % fizz == 0) // divisible by 3

        {

            cout<<"FIZZ\n";

        }

        else if (currentNumber % buzz == 0)// divisible by 5

        {

            cout<<"BUZZ\n";

        }

        else // not divisible by 3 or 5

        {

            cout<<currentNumber<<endl;

        }

    }

    return 0;

}