/\*\*

\*@author Abdul Hannan Bin Zainudin

\* Matric no: 2118719aq

\* Lab #4 Section # 4

\*/

***QUESTION 1***

#include <iostream>

using namespace std;

int main()

{

int t = 1000000000, num, sum = 0, individualNumber;

cout << "Enter an integer number: ";

cin >> num;

cout << "The individual digits are ";

while(t)

{

individualNumber = num / t;

if(individualNumber)

{

individualNumber %= 10;

cout << individualNumber << " ";

sum += individualNumber;

}

t /= 10;

}

cout << "\nThe sum of the individual numbers is: " << sum << endl;

return 0;

}

***QUESTION 2***

#include <iostream>

using namespace std;

int main()

{

int score;

while(score != -1)

{

cout << "Enter your score: ";

cin >> score;

if (score >= 60 && score <=100)

cout << "You pass the exam\n";

else if (score <= 60 && score >= 0)

cout << "You dont't pass the exam\n";

}

cout << "No numbers are entered except -1";

return 0;

}

***QUESTION 3***

#include <iostream>

using namespace std;

int main()

{

int i, num1, num2, multiple3 = 0, multiple5 = 0;

cout << "Enter two Integers: ";

cin >> num1 >> num2;

for (i = num1; i <= num2; i++)

{

if ( i%3 == 0)

multiple3++;

if ( i%5 == 0)

multiple5++;

}

cout << "the numbers of multiple 3: " << multiple3 <<endl;

cout << "the numbers of multiple 5: " << multiple5 <<endl;

return 0;

}