

FUNDAMENTALS OF PROGRAMMING

HOME TASKS

ME-15-C

TASK-1

Write a program in C++ that prints the numbers from 1 to 150 except the multiples of 10.

Make use of the continue statement.

TASK-2

Write a C++ program to find the sum of digits of a number.

The sum of digits means adding all the digits of any number, for example, we take any number like 358. Its sum of all digits is 3+5+8=16.

```
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5    int number, sum = 0;
6
7    cout << "Enter a number: ";
8    cin >> number;
9
10    for (; number != 0; number /= 10) {
11         sum += number % 10;
12    }
13
14    cout << "The sum of the digits is: " << sum << endl;
15
16    return 0;
17 }</pre>
```

TASK-3

Write a program in C++ to check whether a number is prime or not.