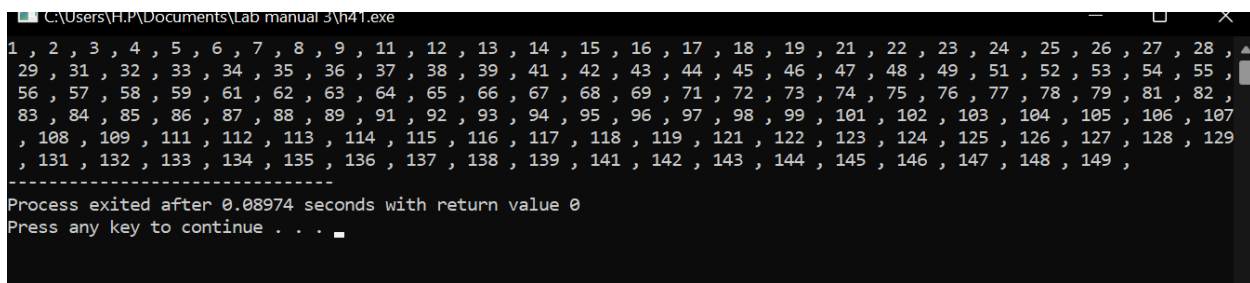# Lab Manual 4 (M. Nasir Qayyum, 465988)

Home task

Q1. Write a program to print numbers from 1 to 150 except multiples of 10.

```cpp
#include<iostream>
using namespace std;
int main () {
    for (int i=0; i<=150; i++) {
        if (i %10 == 0) {
            continue;
        } cout<<i<<" , " ;
    } return 0;
}
```

```
C:\Users\H.P\Documents\Lab manual 3\h41.exe

1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 9 , 11 , 12 , 13 , 14 , 15 , 16 , 17 , 18 , 19 , 21 , 22 , 23 , 24 , 25 , 26 , 27 , 28 ,
29 , 31 , 32 , 33 , 34 , 35 , 36 , 37 , 38 , 39 , 41 , 42 , 43 , 44 , 45 , 46 , 47 , 48 , 49 , 51 , 52 , 53 , 54 , 55 ,
56 , 57 , 58 , 59 , 61 , 62 , 63 , 64 , 65 , 66 , 67 , 68 , 69 , 71 , 72 , 73 , 74 , 75 , 76 , 77 , 78 , 79 , 81 , 82 ,
83 , 84 , 85 , 86 , 87 , 88 , 89 , 91 , 92 , 93 , 94 , 95 , 96 , 97 , 98 , 99 , 101 , 102 , 103 , 104 , 105 , 106 , 107
, 108 , 109 , 111 , 112 , 113 , 114 , 115 , 116 , 117 , 118 , 119 , 121 , 122 , 123 , 124 , 125 , 126 , 127 , 128 , 129
, 131 , 132 , 133 , 134 , 135 , 136 , 137 , 138 , 139 , 141 , 142 , 143 , 144 , 145 , 146 , 147 , 148 , 149 ,
------------------------------
Process exited after 0.08974 seconds with return value 0
Press any key to continue . . .
```

Q2. Write a program to find the sum of digits of a number, sum of the digits means adding all the digits of any numbers.

```cpp
#include <iostream>
using namespace std;
int main () {
    int num, qwe, sum = 0;
    cout<<"Enter a Number:"<<endl;
    cin>> num;
    while (num >0) {
        int single = num % 10;
        sum += single;
        num /= 10;
    } cout <<"The sum is "<<sum<<endl;
    return 0;
}
```

```
Enter a Number:
5768
The sum is 26


---------------------------------
Process exited after 2.619 seconds with return val
Press any key to continue . . .
```