



MANUAL 4 – HOMETASKS

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CLASS:ME-15(C)

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HOMETASK 1:

```
#include<iostream>

using namespace std;

int main(){

    for (int i = 0;i<=150;i++)

    {

        if (i%10 != 0){

            cout <<i<< endl;

        }

        else {

            continue;

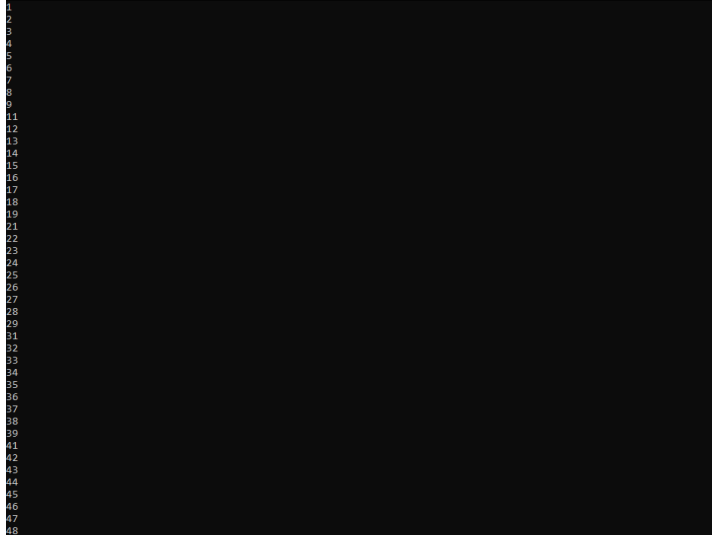
        }

    }

    return 0;

}
```

C:\Users\LENOVO\Desktop\NUST ME-15\semester 1\Computer Systems and Programming Lab>manual4-hometask1.exe



C:\Users\LENOVO\Desktop\NUST ME-15\semester 1\Computer Systems and Programming Lab>manual4-hometask1.exe

```
122
123
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149
```

HOMETASK 2:

```
#include<iostream>

using namespace std;

int main(){

int number,x=0,s=0;

cout << "Enter a number:";

cin >> number;

while (number>1){

x = number % 10;

cout << x << "+";

s = s + x;

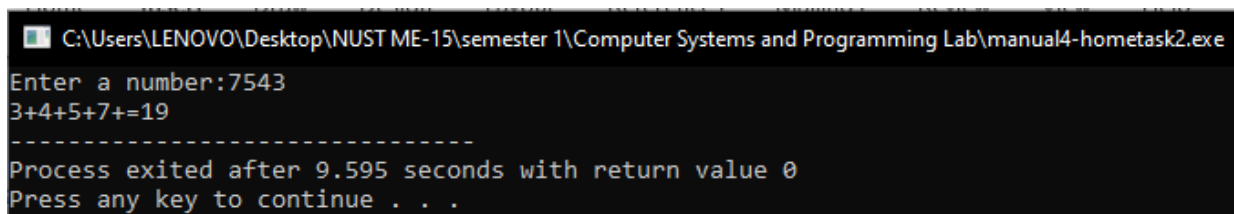
number = number/10;

}

cout << "="<< s;

return 0;

}
```



```
C:\Users\LENOVO\Desktop\NUST ME-15\semester 1\Computer Systems and Programming Lab>manual4-hometask2.exe
Enter a number:7543
3+4+5+7+=19
-----
Process exited after 9.595 seconds with return value 0
Press any key to continue . . .
```

HOMETASK 3:

```
#include <iostream>

using namespace std;

int main (){

    int n;

    cout << "Enter a number:";

    cin >> n;

    for (int i = 1; i <= 10; i++){

        if (n%i == 0){

            if (i == 1 || i == n){

                continue;

            }

            else {

                cout << "The number is not prime";

                break;

            }

        }

        else{

            if (i == 10){

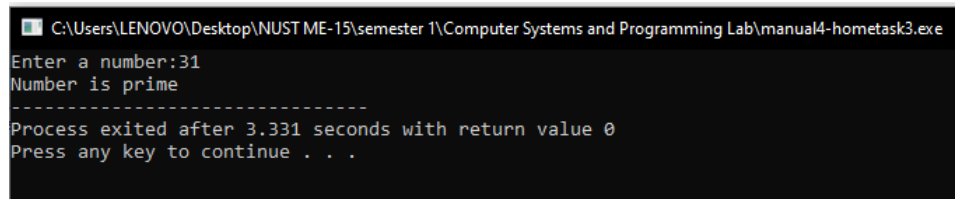
                cout << "Number is prime";

            }

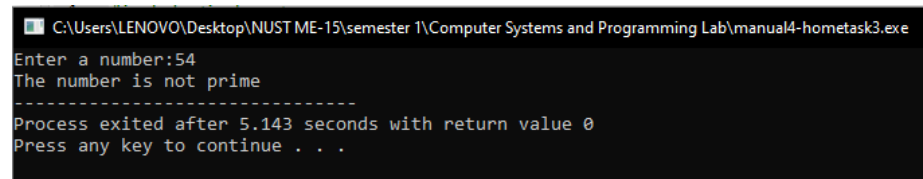
        }

    }

}
```



```
C:\Users\LENOVO\Desktop\NUST ME-15\semester 1\Computer Systems and Programming Lab>manual4-hometask3.exe
Enter a number:31
Number is prime
-----
Process exited after 3.331 seconds with return value 0
Press any key to continue . . .
```



```
C:\Users\LENOVO\Desktop\NUST ME-15\semester 1\Computer Systems and Programming Lab>manual4-hometask3.exe
Enter a number:54
The number is not prime
-----
Process exited after 5.143 seconds with return value 0
Press any key to continue . . .
```