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**ME-15-C**

**HOME TASK 04**

```
#include <iostream>

using namespace std;

int main(){

    for (int i = 4; i<=200 ; ++i) {

        if (i%10==0){

            continue;

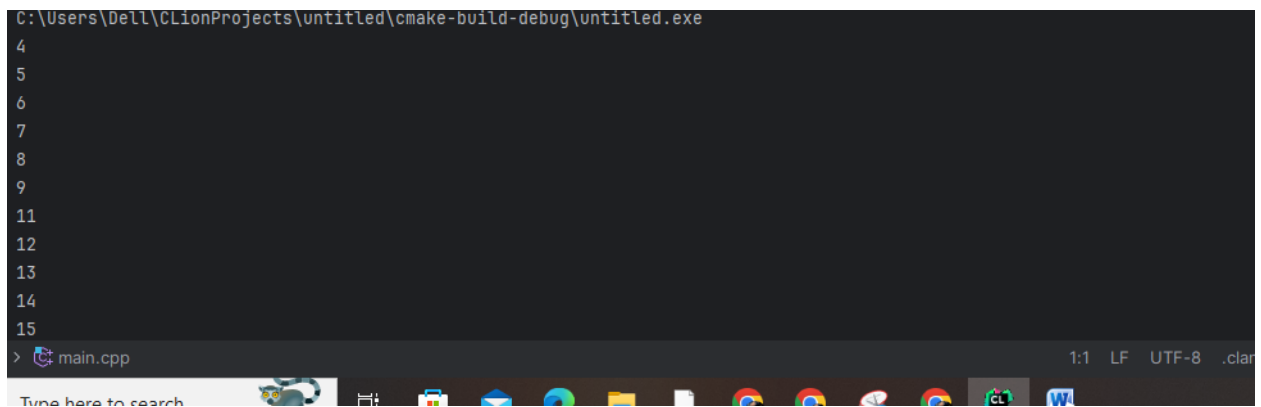
        }

        cout<<i<<" "<<endl;

    }

    return 0;

}
```

A screenshot of a Windows command prompt window. The title bar shows the path 'C:\Users\De11\CLionProjects\untitled\cmake-build-debug\untitled.exe'. The command prompt displays the output of the program: numbers 4 through 15, each followed by a space. The status bar at the bottom shows '> main.cpp', '1:1', 'LF', 'UTF-8', and '.clan'. The Windows taskbar is visible at the bottom with various application icons.

```
C:\Users\De11\CLionProjects\untitled\cmake-build-debug\untitled.exe
4
5
6
7
8
9
11
12
13
14
15
> main.cpp 1:1 LF UTF-8 .clan
```

Q 2

```
#include <iostream>

using namespace std;

int main(){

    int a, new_num, sum=0;

    cout<<"Enter a number: ";

    cin>>a;

    while (a!= 0){

        new_num=a%10;

        a=a/10;

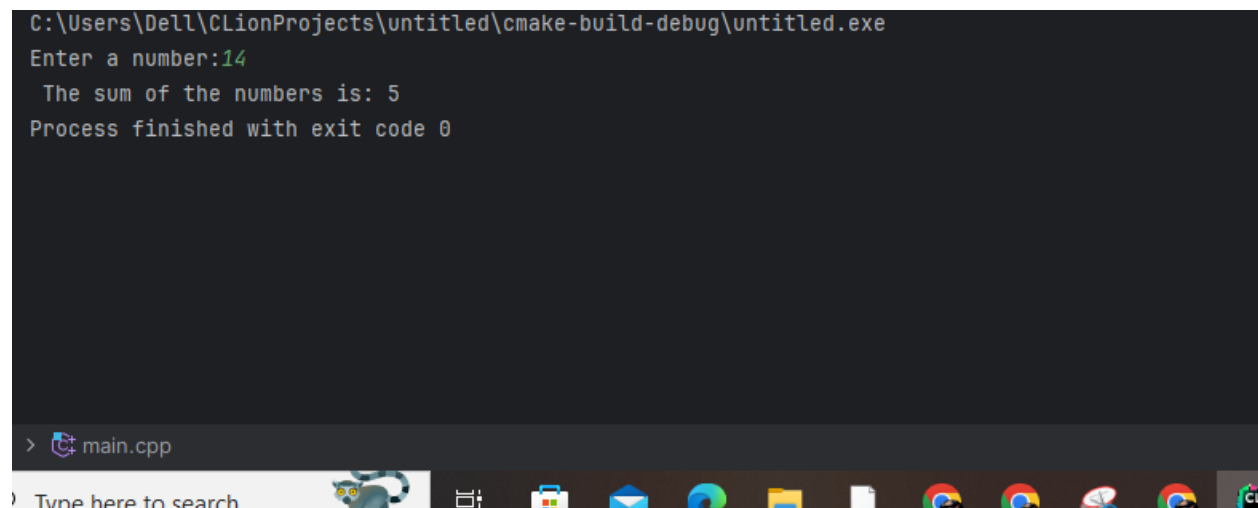
        sum=sum+new_num;

    }

    cout<<"The sum of the numbers is: "<<sum;

    return 0;

}
```



```
C:\Users\Dell\CLionProjects\untitled\cmake-build-debug\untitled.exe
Enter a number:14
The sum of the numbers is: 5
Process finished with exit code 0
```

> main.cpp

Type here to search

Q 3

```
#include<iostream>
```

```
using namespace std;
```

```
int main() {
```

```
    int num, i, j = 0;
```

```
    cout << "Enter number: ";
```

```
    cin >> num;
```

```
    //check for prime number
```

```
    for (i = 1; i <= num; i++)
```

```
    {
```

```
        if ((num % i) == 0)
```

```
        {
```

```
            j++;
```

```
        }
```

```
    }
```

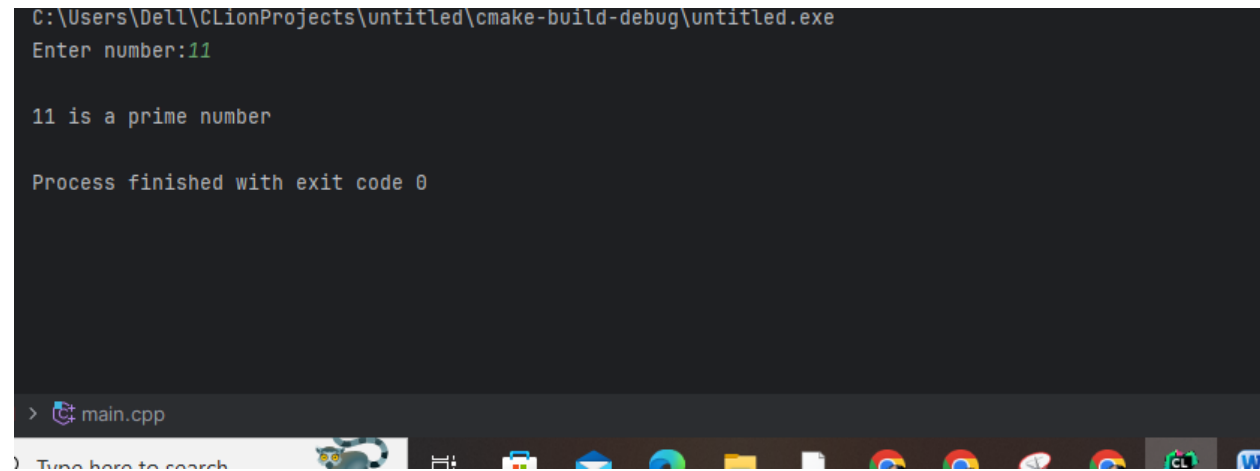
```
    if (j == 2)
```

```
        cout << "\n" << num << " is a prime number" << endl;
```

```
    else
```

```
        cout << num << " is not a prime number" << endl;
```

```
return 0;  
}
```



```
C:\Users\Dell\CLionProjects\untitled\cmake-build-debug\untitled.exe  
Enter number:11  
  
11 is a prime number  
  
Process finished with exit code 0  
  
> main.cpp
```