

- **Fundamental of Programming**
- **Name : Muhammad Ali**
- **CMS: 461603**
- **Sec: ME-15(B)**
- **Home task #07**

Task#01

```
#include <iostream>
```

```
using namespace std;
```

```
int main()
{
    int sum=0;
    for(int i=2;i<=50;++i){
        bool isprime =true;
        for(int j=2;j<=i/2;++j){
            if(i%j==0){
                isprime =false;
                break;
            }
        }
        if(isprime){
            sum+=i;
        }
    }
    cout<<sum<<endl;

}
```

Result:



```
328

...Program finished with exit
code 0
Press ENTER to exit console.
```

Task#02

```
#include <iostream>
```

```
using namespace std;
```

```
int main()
{
    for(int i=1;i<=5;i++){

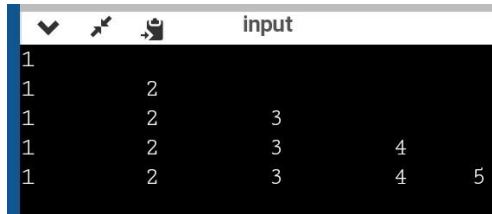
        for(int j=1;j<=i;j++)
            cout<<j<<"\t";
        cout<<endl;
```

```

    }
    return 0;
}

```

Result:



```

input
1
1      2
1      2      3
1      2      3      4
1      2      3      4      5

```

Task#03

```
#include <iostream>
```

```
using namespace std;
```

```

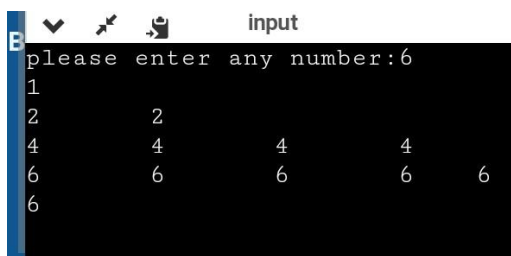
int main()
{ int n;
  cout<<"please enter any number:";
  cin>>n;
  cout<<1<<endl;
  for(int i=1;i<=n;i+=2){

    for(int j=1;j<=i;j++)
      cout<<i<<"\t";
    cout<<endl;

  }
  return 0;
}

```

Result:



```

input
E
please enter any number:6
1
2      2
4      4      4      4
6      6      6      6      6
6

```