1. ***<u>Write a program using break or continue statement that only adds prime numbers from 1 to 50 and display the sum on screen.</u>***

```
#include <iostream>

using namespace std;

int main()
{int sum = 0;

    for (int i=2;i<=50; i++) {
     for (int j=2;j<=i;j++) {
            if (i%j==0&&j!=i) {
                break;

            }
            if (j==i) {
            sum=sum+i;
        }
        }

    }
     cout<<"your sum of prime numbers between the range is "<<sum<<endl;
    return 0;
}
```

```
your sum of prime numbers between the range is 328

Process returned 0 (0x0)   execution time : 0.126 s
Press any key to continue.
```

2. Write a program in C++ to create the following pattern.

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5.

```
#include <iostream>

using namespace std;

int main()
{
    for(int i=1;i<=5;i++){
        for(int j=1;j<=i;j++){
        cout <<j;
        }
        cout<<endl;

    }
    return 0;
}
```

```
1
12
123
1234
12345

Process returned 0 (0x0)   execution time : 0.094 s
Press any key to continue.
```

3. Write a C++ program to print:

1

2 2

4 4 4 4

6 6 6 6 6 6

```cpp
#include <iostream>

using namespace std;

int main()
{
    cout <<1<<endl;
    for(int i=1;i<=6;i++){
        for(int j=1;j<=i;j++){
        if(i%2==0){
        cout <<i;
        }
        }
        cout<<endl;

    }
    return 0;
}
```

```
1

22

4444

666666

Process returned 0 (0x0)   execution time : 0.423 s
Press any key to continue.
```