

## C++ Assignments | Pattern Printing - 1 | Week 3

<ol> <li>Print the following patte</li> </ol>	1.	Print	the	foll	owing	patter	r
---	----	-------	-----	------	-------	--------	---

1 1 1 1

2 2 2 2

3 3 3 3

4 4 4 4

2. Print the following pattern

Input: n = 4

Output:

1 2 3 4

1 2 3

1 2

1

3. Print the following pattern

Input: n = 4

Output:

АВ

A B C

ABCD

4. Print the following pattern

Input: n = 4

Output:

1

solution 1:-

```
#include<lastream>using namespace std;
int main(){
    cout<<"enter the number: ";
    int n;
    cin>n;
    for(int i=1 ; i<=n;i++){
        for(int j=1 ; j<=n;i++){
            cout<<i;
        }
        cout<<endl:
```

solution 2:-

solution 3:-

```
#include<lostream>using namespace std;
int main(){
    cout<<*enter the number: *;
    int n;
    cin>>n;
    for(int i=1;i<=n;i++){
        for(int j=1;d<=n-i+1;j++){
            cout<<;
        }
        cout<<endi;
}</pre>
```

int main(){

cout<<"enter the number: ";

int n;

cin>>n;

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

cout<<(char)(j+64);

}

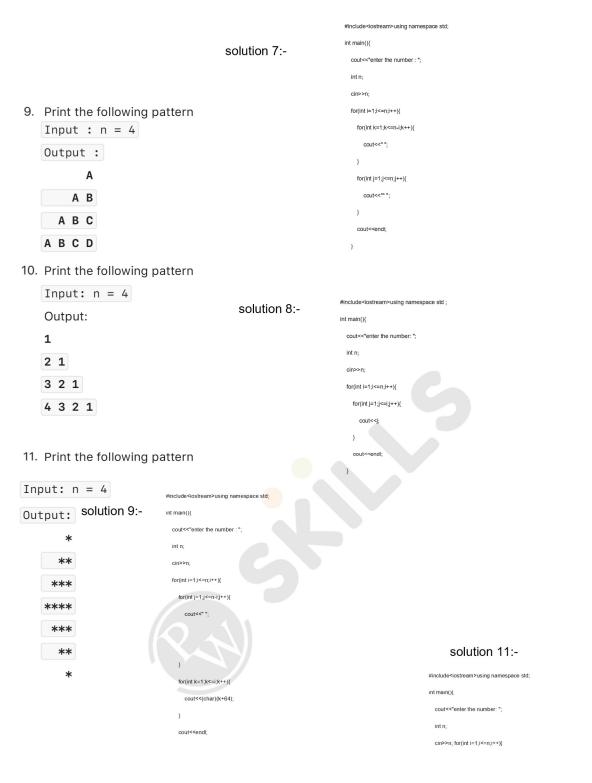
cout<<endi;

```
cout<<"enter the number: ";
    A B
                                                                                     for(int i=1;i<=n;i++)
     1 2 3
     ABCD
                                                                                      if(i%2==1)
                                                                                      { for(int j=1;j<=i;j++){
     1 2 3 4 5
                                                                                      else{ for(int j=1;j<=i;j++){
5. Print the following pattern
     Input n = 4
                                                                                        cout<<(char)(j+64);
     Output:
                                                                                       cout<<endl;
          ***
                                                                                  #include<iostream>using namespace std;
          ****
                                                                                  int main(){
          ***
                                                   solution 5:-
                                                                                    cout<<"enter the number: ";
                                                                                    int n;
                                                                                    cin>>n;
                                                                                    for(int i=0;i<=n;i++){
6. Print the following pattern
                                                                                     for(int j=1;j<=i;j++){
                                                                                      cout<<"*";
     Sample Input : m = 4, n = 6
                                                                                     cout<<endl:
     Sample Output :
                                                                                    for(int i=0;i<=n;i++){
                                                                                    for(int j=1;j<=n-1-i;j++){
                                                                                      cout<<"* ";
          *****
7. Print the following pattern
     Sample Input : n = 4
                                                                                  #include<iostream>using namespace std;
     Output :
                                                   solution 6:-
                                                                                 int main(){
                ****
                                                                                   cout<<"enter the row number: ";
             ***
            ***
                                                                                   cout<<"enter the coloum number: ";
          ***
                                                                                   int m;
                                                                                   cin>>m;
8. Print the following pattern
     Sample Input : n= 4
                                                                                    for(int j=1;j\leq=m;j++)\{
                                                                                     if(i==1 || i==n || j==1 || j==m)
    Output :
                                                                                      cout<<"* ";
          1
                                                                                      else cout<<" ";
          1 2
                                                                                    cout<<endl;
          1 2 3
          1 2 3 4
```

#include<iostream>using namespace std;

int main(){

solution 4:-



Note:- Please try to invest time doing the assignments which are necessary to build a strong foundation. Do not directly Copy Paste using Google or ChatGPT. Please use your brain.

```
for(int k=1;k<=i;k++){
                             #include<iostream>using namespace std;
solution 10:-
                                                                                                                                                                                                   cout<<"a":
                             int main(){
                                                                                                                                                                                                 }
                               cout<<"enter the number: ";
                                                                                                                                                                                               for(int i=1;i<=n;i++){
                               for(int i=1;i<=n;i++){
                                                                                                                                                                                             tor(int j=1;j<=i;j++){
                                 for(int j=i;j>=1;j--){
                                                                                                                                                                                                   cout<<" ";
                                   cout<<j;
                                                                                                                                                                                                 for(int k=1;k<=n-i;k++){
                               cout<<endl:
                                                                                                                                                                                                   cout<<"";
```