

ST. XAVIER'S COLLEGE

MAITIGHAR, KATHMANDU, NEPAL

Phone: 01-5321365, 01-5344636

Email: ktm@sxsc.edu.np



LAB/WRITTEN ASSIGNMENT NUMBER: 07

“Pattern in C ”

Submitted By	Submitted To	Signature
Name : Pranjal Khatri Roll : 929 Class : 11 Section : I	Department Of Computer Science (+2) St.Xavier's College	

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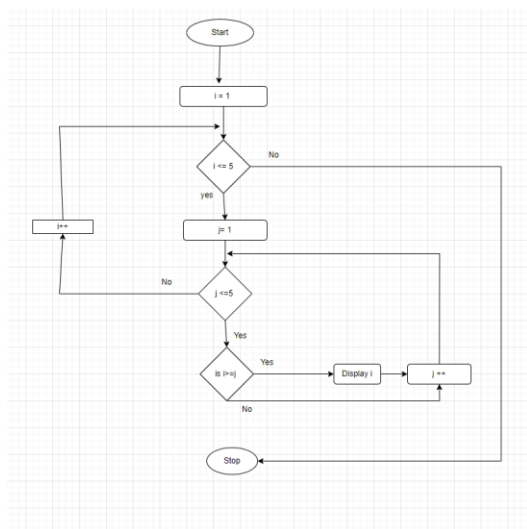
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Code with respective output

```
(globals)
[*] Untitled1.cpp
1  #include <stdio.h>
2
3  int main()
4  {
5      int i,j,k ;
6      for(i=1 ;i<= 5 ; i++)
7      {
8          for(j=1 ; j<=5 ; j++)
9          {
10             if (i>=j){
11                 printf("%d" , i);
12             }
13         }
14         printf("\n");
15     }
16     printf("Executated by Pranjal Khatri 929");
17     return 0;
18 }
19 }
```

```
C:\Users\Students\Desktop\U  X  +  v
1
22
333
4444
55555
Executated by Pranjal Khatri 929
-----
Process exited after 0.035 seconds with return value 0
Press any key to continue . . .
```



```
[*] Untitled1.cpp
1  #include <stdio.h>
2
3  int main() {
4      int rows = 5;
5
6
7      for (int i = 1; i <= rows; i++) {
8
9          for (int j = i; j < i + i; j++) {
10             printf("%d ", j);
11         }
12
13         printf("\n");
14     }
15     printf("Code run by Pranjal khatri 929")
16     return 0;
17 }
18
```

```
C:\Users\Students\Desktop\U  X  +  v
1
2 3
3 4 5
4 5 6 7
5 6 7 8 9
Code run by Pranjal khatri 929
-----
Process exited after 0.03721 seconds with return value 0
Press any key to continue . . . |
```

Conclusion

From this class we learned about pattern generation in c. we also learned about nested loop concepts.