

## Looping With Pattern

### Lab Work – Lec. 1

1. 1  
1 2  
1 2 3  
1 2 3 4  
1 2 3 4 5

2. 1  
2 1  
3 2 1  
4 3 2 1  
5 4 3 2 1

3. 1  
2 2  
3 3 3  
4 4 4 4  
5 5 5 5 5

4. 5  
5 4  
5 4 3  
5 4 3 2  
5 4 3 2 1

5. 5  
4 5  
3 4 5  
2 3 4 5  
1 2 3 4 5

6. 5  
4 4  
3 3 3  
2 2 2 2  
1 1 1 1 1

7. 1 2 3 4 5  
1 2 3 4  
1 2 3  
1 2  
1

8. 1 2 3 4 5  
2 3 4 5  
3 4 5  
4 5  
5

9. 1 1 1 1 1  
2 2 2 2  
3 3 3  
4 4  
5

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### Lab Work – Lec. 1

10. 5 4 3 2 1  
5 4 3 2  
5 4 3  
5 4  
5

11. 5 4 3 2 1  
4 3 2 1  
3 2 1  
2 1  
1

12. 5 5 5 5 5  
4 4 4 4  
3 3 3  
2 2  
1

13. \*  
\* \*  
\* \* \*  
\* \* \* \*  
\* \* \* \* \*

14. \* \* \* \* \*  
\* \* \* \*  
\* \* \*  
\* \*  
\*

15. 1  
0 1  
1 0 1  
0 1 0 1  
1 0 1 0 1

16. 1 0 1 0 1  
0 1 0 1  
1 0 1  
0 1  
1

17. 1  
1 0  
1 0 1  
1 0 1 0  
1 0 1 0 1

18. 0  
0 1  
0 1 0  
0 1 0 1  
0 1 0 1 0

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### Lab Work – Lec. 1

19. 1  
2 3  
4 5 6  
7 8 9 10  
11 12 13 14 15

20. -  
| -  
-	-
- | - | -

21. A  
A B  
A B C  
A B C D  
A B C D E

22. A  
B C  
D E F  
G H I J  
K L M N O