Nested Loop related problems (total 20 questions)

<table>
<tr><th>SL</th><th>Problem statement</th><th>Difficulty levels</th></tr>
<tr><td>1.</td><td>WAP that will print a pattern based on the input integer n. Please see the sample input output.

<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td>3</td><td>123
123
123</td></tr><tr><td>4</td><td>1234
1234
1234
1234</td></tr></table></td><td>*</td></tr>
<tr><td>2.</td><td>WAP that will print a pattern based on the input integer n. Please see the sample input output.

<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td>3</td><td>123
234
345</td></tr><tr><td>4</td><td>1234
2345
3456
78910</td></tr></table></td><td>*</td></tr>
<tr><td>3.</td><td>WAP that will print a pattern based on the input integer n. Please see the sample input output.

<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td>3</td><td>1
23
345</td></tr><tr><td>4</td><td>1
23
345
4567</td></tr></table></td><td>*</td></tr>
</table>

4. WAP that will print a pattern based on the input integer n. Please see the sample input output. *

Sample input	Sample output
3	1 23 456
4	1 23 456 78910

5. WAP that will print a pattern based on the input integer n. Please see the sample input output. **

Sample input	Sample output
3	a bc def
4	a bc def ghij

6. WAP that will print a pattern based on the input integer n. Please see the sample input output. *

Sample input	Sample output
3	1 12 123
4	1 12 123 1234

7. WAP that will print a pattern based on the input integer n. Please see the sample input output. *

Sample input	Sample output
3	3 32 321
4	4 43 432 4321

8. WAP that will print a pattern based on the input integer n. Please see the sample input output. *

Sample input	Sample output
4	**** **** **** ****
2	** **

9. WAP that will print a pattern based on the input integer n. Please see the sample input output. *

Sample input	Sample output
5	***** **** *** ** *
2	** *

10. WAP that will print a pattern based on the input integer n. Please see the sample input output. **

Sample input	Sample output
5	____* ___** __*** _**** *****
3	__* _** ***

11. WAP that will print a pattern based on the input integer n. Please see the sample input output. **

Sample input	Sample output
5	____* ___*** __***** _******* *********
3	__* _*** *****

12. WAP that will print a pattern based on the input odd integer n. Please see the sample input output. ***

Sample input	Sample output
9	____* ___*** __***** _******* ********* _******* __***** ___*** ____*
3	_* *** _*

13. WAP that will print a pattern based on the input integer n. Please see the sample input output. **

Sample input	Sample output
4	1_____1 12___21 123_321 1234321
3	1___1 12_21 12321

14. WAP that will print a pattern based on the input odd integer n. Please see the sample input output. **

Sample input	Sample output
5	***** *___* ***** *___* *****
3	*** *_* ***

15. WAP that will print a pattern based on the input integer n. Please see the sample input output. **

Sample input	Sample output
5	10101 01010 10101 01010 10101
3	101 010 101

16. WAP that will print a pattern based on the input odd integer n. Please see the sample input output. **

Sample input	Sample output
5	*___* _*_*_ __*__ _*_*_ *___*
7	*_____* _*___*_ __*_*__ ___*___ __*_*__ _*___*_ *_____*

17. WAP that will print a pattern based on the input odd integer n. Please see the sample input output. ***

Sample input	Sample output
9	____$____ ___$$$___ __$_$_$__ _$__$__$_ $$$$$$$$$ _$__$__$_ __$_$_$__ ___$$$___ ____$____
13	_____$_____ ____$$$____ ___$_$_$___ __$__$__$__ _$___$___$_ $$$$$$$$$$$ _$___$___$_ __$___$___$__ ___$__$__$___ ____$_$_$____ _____$$$_____ _____$_____

18. WAP that will print a pattern based on the input integer n. Please see the sample input output. ***

Sample input	Sample output
2	* ** _* _**
3	* ** *** __* __** __*** ____* ____** ____***
4	* ** *** **** ___* ___** ___*** ___**** ____* ____** ____*** ____**** _____* _____** _____*** _____****

19. WAP that will print a pattern based on the input odd integer n. Please see the sample input output. **

Sample input	Sample output
5	ZZZZZ Z Z Z ZZZZZ

7	ZZZZZZZ
	    Z
	   Z
	  Z
	 Z
	Z
	ZZZZZZZ

20.	WAP that will print a pattern based on the input odd integer n. Please see the sample input output. **Sample input** / **Sample output** 5 H H H H H H H H H H H H H 7 H H H H H H H H H H H H H H H H H H H	**