Nested Loop related problems (total 18 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
4567</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 _22 333
5	____1 ___22 __333 _4444 55555

5. 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

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
4	**** **** **** ****
2	** **

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

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

		010 101	

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 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

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 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