Nested Loop related problems (total 20 questions)

SL	Problem statement	Difficulty levels
1.	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>	*
2.	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>	*
3.	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>	*

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

** (for 4)
* (for 5)
* (for 6)

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
``` |