

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>		Sample input	Sample output	3	123 123 123	4	1234 1234 1234 1234
	Sample input		Sample output					
	3		123 123 123					
	4		1234 1234 1234 1234					
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>		Sample input	Sample output	3	123 234 345	4	1234 2345 3456 78910
	Sample input		Sample output					
	3		123 234 345					
	4		1234 2345 3456 78910					
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>		Sample input	Sample output	3	1 23 345	4	1 23 345 4567
	Sample input		Sample output					
	3		1 23 345					
	4		1 23 345 4567					

4.	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 23 456</td></tr><tr><td>4</td><td>1 23 456 78910</td></tr></table>		Sample input	Sample output	3	1 23 456	4	1 23 456 78910	
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.	**						
<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td>3</td><td>a bc def</td></tr><tr><td>4</td><td>a bc def ghij</td></tr></table>		Sample input	Sample output	3	a bc def	4	a bc def ghij	
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.	*						
<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td>3</td><td>1 12 123</td></tr><tr><td>4</td><td>1 12 123 1234</td></tr></table>		Sample input	Sample output	3	1 12 123	4	1 12 123 1234	
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.	*						
<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td>3</td><td>3 32 321</td></tr><tr><td>4</td><td>4 43 432 4321</td></tr></table>		Sample input	Sample output	3	3 32 321	4	4 43 432 4321	
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.	*						
<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td>4</td><td>***** ***** ***** *****</td></tr><tr><td>2</td><td>** **</td></tr></table>		Sample input	Sample output	4	***** ***** ***** *****	2	** **	
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.	*						
<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td>5</td><td>***** ***** *** ** *</td></tr><tr><td>2</td><td>** *</td></tr></table>		Sample input	Sample output	5	***** ***** *** ** *	2	** *	
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.	**						
<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td>5</td><td><pre> * ** *** **** *****</pre></td></tr><tr><td>3</td><td><pre> * ** ***</pre></td></tr></table>		Sample input	Sample output	5	<pre> * ** *** **** *****</pre>	3	<pre> * ** ***</pre>	
Sample input	Sample output							
5	<pre> * ** *** **** *****</pre>							
3	<pre> * ** ***</pre>							
11.	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>5</td><td><pre> * *** ***** ***** ***** *****</pre></td></tr><tr><td>3</td><td><pre> * *** *****</pre></td></tr></table>		Sample input	Sample output	5	<pre> * *** ***** ***** ***** *****</pre>	3	<pre> * *** *****</pre>	
Sample input	Sample output							
5	<pre> * *** ***** ***** ***** *****</pre>							
3	<pre> * *** *****</pre>							
12.	WAP that will print a pattern based on the input odd integer n. Please see the sample input output.	***						
<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td>9</td><td><pre> * *** ***** ***** ***** ***** ***** ***** ***** ***** *** *</pre></td></tr><tr><td>3</td><td><pre> * *** *</pre></td></tr></table>		Sample input	Sample output	9	<pre> * *** ***** ***** ***** ***** ***** ***** ***** ***** *** *</pre>	3	<pre> * *** *</pre>	
Sample input	Sample output							
9	<pre> * *** ***** ***** ***** ***** ***** ***** ***** ***** *** *</pre>							
3	<pre> * *** *</pre>							

13.	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>4</td><td>1____1 12__21 123_321 1234321</td></tr><tr><td>3</td><td>1__1 12_21 12321</td></tr></table>		Sample input	Sample output	4	1____1 12__21 123_321 1234321	3	1__1 12_21 12321	
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.	**						
<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td>5</td><td>***** * * _____ ***** * * _____ *****</td></tr><tr><td>3</td><td>*** * * _____ ***</td></tr></table>		Sample input	Sample output	5	***** * * _____ ***** * * _____ *****	3	*** * * _____ ***	
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.	**						
<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td>5</td><td>10101 01010 10101 01010 10101</td></tr><tr><td>3</td><td>101 010 101</td></tr></table>		Sample input	Sample output	5	10101 01010 10101 01010 10101	3	101 010 101	
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.	**						
<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td>5</td><td><pre>* * * _ * _ _ _ * _ * _ * _ * * _ _ * *</pre></td></tr><tr><td>7</td><td><pre>* _ * * _ _ * _ _ _ _ _ * _ _ * _ _ * _ _ * * _ _ * * _ _ * * _ _ * * _ _ * * _ _ *</pre></td></tr></table>			Sample input	Sample output	5	<pre>* * * _ * _ _ _ * _ * _ * _ * * _ _ * *</pre>	7	<pre>* _ * * _ _ * _ _ _ _ _ * _ _ * _ _ * _ _ * * _ _ * * _ _ * * _ _ * * _ _ * * _ _ *</pre>
Sample input	Sample output							
5	<pre>* * * _ * _ _ _ * _ * _ * _ * * _ _ * *</pre>							
7	<pre>* _ * * _ _ * _ _ _ _ _ * _ _ * _ _ * _ _ * * _ _ * * _ _ * * _ _ * * _ _ * * _ _ *</pre>							
17.	WAP that will print a pattern based on the input odd integer n. Please see the sample input output.	***						
<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td>9</td><td><pre> _ _ _ \$ _ _ _ _ _ _ \$\$\$ _ _ _ _ _ _ \$ _ \$ _ _ _ _ _ _ \$ _ \$ _ \$ _ _ \$\$\$\$ \$\$\$\$ \$\$\$\$ _ _ _ \$ _ \$ _ _ _ _ _ _ \$ _ \$ _ _ _ _ _ _ \$ \$ \$ _ _ _ _ _ _ \$ _ _ _</pre></td></tr><tr><td>13</td><td><pre> _ _ _ _ \$ _ _ _ _ _ _ _ _ \$\$\$ _ _ _ _ _ _ _ _ \$ _ \$ _ _ _ _ _ _ _ \$ _ \$ _ \$ _ _ _ _ _ _ \$ _ \$ _ \$ _ _ _ _ _ _ \$ _ \$ _ \$ _ _ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ _ _ _ _ \$ _ _ _ _ \$ _ _ _ _ _ \$ _ \$ _ \$ _ _ _ _ _ _ \$ _ \$ _ \$ _ _ _ _ _ _ \$ \$ \$ _ _ _ _ _ _ _ \$ \$ \$ _ _ _ _ _ _ _ \$ _ _ _ _</pre></td></tr></table>			Sample input	Sample output	9	<pre> _ _ _ \$ _ _ _ _ _ _ \$\$\$ _ _ _ _ _ _ \$ _ \$ _ _ _ _ _ _ \$ _ \$ _ \$ _ _ \$\$\$\$ \$\$\$\$ \$\$\$\$ _ _ _ \$ _ \$ _ _ _ _ _ _ \$ _ \$ _ _ _ _ _ _ \$ \$ \$ _ _ _ _ _ _ \$ _ _ _</pre>	13	<pre> _ _ _ _ \$ _ _ _ _ _ _ _ _ \$\$\$ _ _ _ _ _ _ _ _ \$ _ \$ _ _ _ _ _ _ _ \$ _ \$ _ \$ _ _ _ _ _ _ \$ _ \$ _ \$ _ _ _ _ _ _ \$ _ \$ _ \$ _ _ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ _ _ _ _ \$ _ _ _ _ \$ _ _ _ _ _ \$ _ \$ _ \$ _ _ _ _ _ _ \$ _ \$ _ \$ _ _ _ _ _ _ \$ \$ \$ _ _ _ _ _ _ _ \$ \$ \$ _ _ _ _ _ _ _ \$ _ _ _ _</pre>
Sample input	Sample output							
9	<pre> _ _ _ \$ _ _ _ _ _ _ \$\$\$ _ _ _ _ _ _ \$ _ \$ _ _ _ _ _ _ \$ _ \$ _ \$ _ _ \$\$\$\$ \$\$\$\$ \$\$\$\$ _ _ _ \$ _ \$ _ _ _ _ _ _ \$ _ \$ _ _ _ _ _ _ \$ \$ \$ _ _ _ _ _ _ \$ _ _ _</pre>							
13	<pre> _ _ _ _ \$ _ _ _ _ _ _ _ _ \$\$\$ _ _ _ _ _ _ _ _ \$ _ \$ _ _ _ _ _ _ _ \$ _ \$ _ \$ _ _ _ _ _ _ \$ _ \$ _ \$ _ _ _ _ _ _ \$ _ \$ _ \$ _ _ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ _ _ _ _ \$ _ _ _ _ \$ _ _ _ _ _ \$ _ \$ _ \$ _ _ _ _ _ _ \$ _ \$ _ \$ _ _ _ _ _ _ \$ \$ \$ _ _ _ _ _ _ _ \$ \$ \$ _ _ _ _ _ _ _ \$ _ _ _ _</pre>							

18.	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>2</td><td>* ** _ * _ ** _</td></tr><tr><td>3</td><td>* ** *** _ * _ ** _ *** _ * _ ** _ *** _</td></tr><tr><td>4</td><td>* ** *** **** _ * _ ** _ *** _ **** _ * _ ** _ *** _ **** _ * _ ** _ *** _ **** _ * _ ** _ *** _ **** _</td></tr></table>			Sample input	Sample output	2	* ** _ * _ ** _	3	* ** *** _ * _ ** _ *** _ * _ ** _ *** _	4	* ** *** **** _ * _ ** _ *** _ **** _ * _ ** _ *** _ **** _ * _ ** _ *** _ **** _ * _ ** _ *** _ **** _
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.	**								
<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td>5</td><td>ZZZZZ Z Z Z Z ZZZZZ</td></tr><tr><td>7</td><td>ZZZZZZZ Z Z Z Z Z ZZZZZZZ</td></tr></table>			Sample input	Sample output	5	ZZZZZ Z Z Z Z ZZZZZ	7	ZZZZZZZ Z Z Z Z Z ZZZZZZZ		
Sample input	Sample output									
5	ZZZZZ Z 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.	**						
<table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td>5</td><td><pre>H H H H H H H H H H H H H</pre></td></tr><tr><td>7</td><td><pre>H H H H H H H H H H H H H H H H H H H</pre></td></tr></table>			Sample input	Sample output	5	<pre>H H H H H H H H H H H H H</pre>	7	<pre>H H H H H H H H H H H H H H H H H H H</pre>
Sample input	Sample output							
5	<pre>H H H H H H H H H H H H H</pre>							
7	<pre>H H H H H H H H H H H H H H H H H H H</pre>							