

## Nested Loop related problems (total 18 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 4567</td></tr></table>		Sample input	Sample output	3	123 234 345	4	1234 2345 3456 4567
	Sample input		Sample output					
	3		123 234 345					
	4		1234 2345 3456 4567					
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 __22 333</td></tr><tr><td>5</td><td>____1 ____22 ____333 __4444 55555</td></tr></table>		Sample input	Sample output	3	__1 __22 333	5	____1 ____22 ____333 __4444 55555	
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.	*						
<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							
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>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	** **							
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>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	** *							
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>10101  01010  10101  01010  10101</td></tr><tr><td>3</td><td>101</td></tr></table>		Sample input	Sample output	5	10101  01010  10101  01010  10101	3	101	
Sample input	Sample output							
5	10101  01010  10101  01010  10101							
3	101							

		010	
		101	

<b>10.</b>	WAP that will print a pattern based on the input integer n. Please see the sample input output.
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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.
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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.
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Sample input	Sample output
9	*

		<p>***</p> <hr/> <p>*****</p> <hr/> <p>*****</p> <hr/> <p>*****</p> <p>*****</p> <hr/> <p>*****</p> <hr/> <p>***</p> <hr/> <p>*</p> <hr/>	
3		<p>*</p> <hr/> <p>***</p> <p>*</p> <hr/>	

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.	<p>WAP that will print a pattern based on the input odd integer n. Please see the sample input output.</p> <table><tr><th>Sample input</th><th>Sample output</th></tr><tr><td>5</td><td>ZZZZZ        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  ZZZZZ	7	ZZZZZZZ  Z  Z  Z  Z  Z  ZZZZZZZ	**
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.

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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.

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Sample input	Sample output
9	<pre>       \$      \$\$\$     \$ \$ \$    \$ \$ \$   \$ \$ \$ \$ \$ \$ \$  \$ \$ \$ \$ \$ _ \$ \$ \$ _ _ \$ \$ \$ _   \$\$\$    \$ </pre>
13	<pre>       \$      \$\$\$     \$ \$ \$    \$ \$ \$   \$ \$ \$ \$  \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$  \$ \$ \$ \$ \$ _ \$ \$ \$ _ _ \$ \$ \$ _   \$ \$ \$    \$\$\$     \$ </pre>



**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