

VISHWAKARMA INSTITUTE OF TECHNOLOGY, PUNE

(An autonomous Institute affiliated to Savitribai Phule Pune University)
Department of Electronics & Telecommunication Engineering

VITE&TC PDTY23 ITPRODUCT

Problem	Given two integers N and M as inputs, print a rectangle of N * M Stars
Statement	
#25	
Problem	2 <= N, M <= 100
Constraint	
Example	3
Input	4
Example	***
Output	***

Problem	Take an integer N as input, print the corresponding pattern for N
Statement	
#26	
Problem	1 <= N <= 100
Constraint	
Example	4
Input	
Example	1
Output	1 2
	1 2 3
	1 2 3 4



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Problem	Take an integer N as input, print the corresponding stair pattern for
Statement	N
#27	
Problem	1 <= N <= 100
Constraint	
Example	4
Input	
Example	*
Output	**

Problem	Given an integer N, print the corresponding Inverted Half Pyramid
Statement	pattern for N
#28	
Problem	1 <= N <= 100
Constraint	
Example	4
Input	
Example	***
Output	* * *
	**
	*



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Problem	Take an integer N as input, print the corresponding pattern for N
Statement	
#29	
Problem	1 <= N <= 100
Constraint	
Example	5
Input	
Example	*
Output	**
	* * *
	* * * * *

Problem	Take an integer N, print the corresponding Full Pyramid pattern for N
Statement	
#30	
Problem	2 <= N <= 100
Constraint	
Example	5
Input	
Example	*
Output	* *
	* * *
	* * * *
	* * * *



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Problem	Take an integer N as input, print the corresponding pattern for N
Statement	
#31	
Problem	3 <= N <= 100
Constraint	
Example	5
Input	
Example	****
Output	* * * *
	* *

Problem	Take an integer N as input, print the corresponding Half Diamond
Statement	pattern with 2*N - 1 rows
#32	
Problem	2 <= N <= 100
Constraint	
Example	5
Input	
Example	*
Output	**

	**
	*



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Problem	Given an integer N as input, print the corresponding Full Numeric
Statement	Pyramid pattern for N
#33	
Problem	2 <= N <= 100
Constraint	
Example	5
Input	
Example	0 0 0 0 1 0 0 0
Output	0 0 0 2 3 2 0 0 0
	0 0 3 4 5 4 3 0 0
	0 4 5 6 7 6 5 4 0
	5 6 7 8 9 8 7 6 5

Problem	Take an integer N as input, print the corresponding Full Numeric
Statement	Pyramid pattern for N
#34	
Problem	2 <= N <= 100
Constraint	
Example	5
Input	
Example	0 0 0 0 5 0 0 0
Output	0 0 0 4 8 12 0 0 0
	0 0 3 6 9 12 15 0 0
	0 2 4 6 8 10 12 14 0
	1 2 3 4 5 6 7 8 9

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