Date:2024-08-20

S.No: 16 Exp. Name: Applications of Loops

Aim:

Write a Python program that prints the right-angled triangle pattern as shown in the example. This program prompts the user to input an integer, which in turn determines the number of rows in the pattern

Example:

If the given integer is 5, then the pattern would be

Input format:

• The input is the integer that represents the number of rows in the pattern.

Output format:

• The output is the pattern that resembles the pattern as shown above.

Source Code:

```
print_pattern.py
a=int(input(''))
for i in range(0,a-1):
   for j in range(0,i+1):
      if j==0 or j==i:
         print('* ',end=(''))
      else:
         print(' ',end=(''))
   print()
for k in range(0,a):
   print('* ',end=(''))
print()
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
5
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* *
* *
* *
* * * *

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