

1. Create the below pattern using nested for loop in Python.

```
*  
  
* *  
  
* * *  
  
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* * * * *  
  
* * * *  
  
* * *  
  
* *  
  
*
```

Solution 1:

```
for i in range(5):  
    for j in range(i):  
        print('*', end=" ")  
    print()  
  
for i in range(5,0,-1):  
    for j in range(i):  
        print('*', end=" ")  
    print()
```

2. Write a Python program to reverse a word after accepting the input from the user.

Solution 2:

```
s = input("Enter a string: ")  
x=s[::-1]  
print(x)
```