

## Python for loop exercises

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### Q1. Print a right-angled triangle pattern of stars.

# Q1: Right-angled triangle pattern

rows = 5

for i in range(1, rows + 1):

print("\*" \* i)

**Output:**

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

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### Q2. Print all prime numbers between 1 and 50.

# Q2: Prime numbers between 1 and 50

for num in range(2, 51):

is\_prime = True

for i in range(2, num):

if num % i == 0:

is\_prime = False

break

if is\_prime:

print(num, end=" ")

**Output:**

```
2 3 5 7 11 13 17 19 23 29 31 37 41 43 47
```

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### Q3. Reverse a string using a for loop.

# Q3: Reverse a string

```
text = "Python"
reversed_text = ""
for char in text:
    reversed_text = char + reversed_text
print("Reversed:", reversed_text)
```

**Output:**

Reversed: nohtyP

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