

Exercise: star_triangle

- Write a program that takes a triangle width as input, then prints a triangle made out of star symbols: * (see right)
- The middle of the triangle is its width (in this case, 6 stars are printed there)
- Make use of all three range parameters: **range(start, stop, step)**
- Use **print('*', end='')** to print on the same line
- If this is too easy, try other shapes! Maybe a diamond?

```
Please enter triangle  
width:  
6
```

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

star_triangle solution

```
def triangle(width):  
    for increasing in range(1, width):  
        for stars in range(increasing):  
            print("*", end="")  
        print()  
  
    for decreasing in range(width, 0, -1):  
        for stars in range(decreasing):  
            print("*", end="")  
        print()  
  
print("Please enter triangle width:")  
user_width = int(input())  
triangle(user_width)
```