

Program no:

Aim :

Construct following pattern using nested loop

```
★
★ ★
★ ★ ★
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★ ★ ★ ★
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★ ★
★
```

Program :

```
a = int(input("Enter the number : "))
```

```
for i in range(0, a):
```

```
    for j in range(0, i+1):
```

```
        print("★", end=" ")
```

```
    print("\n")
```

```
for i in range(a, 1, -1):
```

```
    for j in range(1, i):
```

```
        print("★", end=" ")
```

```
    print("\n")
```


Output

Enter the number : 5

```
★
★ ★
★ ★ ★
★ ★ ★ ★
★ ★ ★ ★ ★
★ ★ ★ ★
★ ★ ★
★ ★
★
```

Enter a number : 3

```
★
★ ★
★ ★ ★
★ ★
★
```