

TASK 4

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B. TECH (INFORMATION TECHNOLOGY) – FINAL YEAR

NESTED LOOP

PATTERN PROGRAM:

```
n = 5
```

```
for i in range(1, n + 1):
```

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

```
        print("*", end="")
```

```
    print()
```

```
for i in range(n - 1, 0, -1):
```

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

```
        print("*", end="")
```

```
    print()
```

OUTPUT:

```
*
```

```
**
```

```
***
```

```
****
```

```
*****
```

```
****
```

```
***
```

```
**
```

```
*
```