



## Day 9: Nested Loop

1. **Chessboard Pattern:** Write a program to create an 8×8 chessboard pattern using nested loops. Use 'X' and 'O' to represent the squares.
2. **Number Patterns:** Write a program to print patterns of numbers, such as the number pyramid or the following sequence: 1, 12, 123, 1234, 12345.
3. Print the below pattern

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

4. Print the below pattern

```

1
*

1 2
* *

1 2 3
* * *

1 2 3 4
* * * *

1 2 3 4 5
* * * * *

```

## 5. Patterns questions

