

## Practice 16 – nested while loop

**Note:** Write following codes using nested while loop

**Task 01:** Write code to generate the output:

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

**Task 02:** Write code to input rows & columns and print stars in rows and columns. See sample run:

**Sample Run:**

Rows: 4

Columns: 5

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

**Task 03:** Write code to input rows and print A to Z in all rows. See sample run:

**Sample Run:**

Rows: 4

ABCDEFGHIJKLMNOPQRSTUVWXYZ

ABCDEFGHIJKLMNOPQRSTUVWXYZ

ABCDEFGHIJKLMNOPQRSTUVWXYZ

ABCDEFGHIJKLMNOPQRSTUVWXYZ

**Note:** Use inner while loop to print A to Z

**Task 04:** Write code to input rows & columns and print matrix element randomly in range 1-9:

**Sample Run:**

Rows: 4

Columns: 3

23 45 78

56 78 98

32 67 84

81 64 66

**Task 05:** Write code to input rows print numbers in the pattern:

**Sample Run:**

Rows: 4

1 2 3 4 5

2 3 4 5 6

3 4 5 6 7

4 5 6 7 8