Pattern Questions

1. Print a plus sign (+) pattern inside a square grid.

**+**

**+**

**+ + + + +**

**+**

**+**

1. Print a pattern where the middle row and column are 'X' and the rest are 'O'.

**O O x O O O O X O O x X X X x O O X O O O O x O O**

1. Print a diagonal 'X' pattern with some scattered 'X' inside (like an X cross).

**X . . . x**

**. x . x .**

**. . x . .**

**. x . x .**

**X . . . x**

1. Print a hollow square border using 'X'.

**X X X X X X x**

**X X**

**X X**

**X X**

**X X**

**X X**

**X X X X X X X**

1. Print a star (\*) pattern with full stars at the top row and some scattered stars inside.

**\* \* \* \* \***

**. \* . \* .**

**. . \* . .**

**. \* . \* .**

**\* \* \* \* \***

1. Print letters in columns: 'D' in the first column, then 'C', 'B', 'A' forming a triangle to the right.

**D**

**D C**

**D C B**

**D C B A**

**D C B**

**D C**

**D**

1. Write a Java program to print the following numeric pattern:

**3**

**2 3**

**1 2 3**

**0 1 2 3**

**1 2 3**

**2 3**

**3**

1. Write a Java program to print the following (H) pattern using stars (\*).

**\* \***

**\* \***

**\* \* \* \***

**\* \***

**\* \***