**C Programming Questions**

Different Patterns in C

1. Star Pyramid Pattern: Print a star pyramid pattern with a given number of rows.

2. Half Pyramid Star Pattern: Create a half pyramid star pattern, where each row has one more star than the previous.

3. Inverted Star Pyramid Pattern: Print an inverted star pyramid pattern where stars decrease with each row.

4. PASCAL Triangle: Write a C program to generate Pascal’s triangle for a given number of rows.

5. Floyd's Triangle: Implement Floyd's triangle, where numbers increase consecutively with each row.

6. Numeric 1-212-32123 Pyramid Pattern: Create a numeric pyramid pattern that increases and decreases symmetrically around a center.

7. Christmas Tree Pattern: Generate a Christmas tree pattern using stars and spaces.

8. Magic Square: Write a C program to generate a magic square for odd order numbers.

9. Hollow Diamond Pattern Using Stars: Generate a hollow diamond pattern using stars.

10. Equilateral Triangle Shape Pattern: Print an equilateral triangle shape pattern using numbers or stars.