Assignment of Subjective questions

1. Write a C program to print the given number pattern using loop.

Example

Input

Input N: 5

Output

1 1

131 131

13531 13531

1357531 1357531

135797531 135797531

2. Write a C program to print the given even number pattern using loop.

Example

Input

Input N: 5

Output

2 2

242 242

24642 24642

2468642 2468642

2468108642 2468108642

3. Write a C program to print the given number pattern using loop.

Example

Input

Input N: 5

Output

1

121

12321

1234321

123454321

4. Write a C program to print the Floyd's triangle number pattern using loop.

Example

Input

Input N: 5

Output

1

2 3

4 5 6

7 8 9 10

11 12 13 14 15

5. Write a C program to print the given number pattern using for loop.

Example

Input

Input N: 5

Output

1

21

123

4321

12345

6. Write a C program to print the given number pattern.

Example

Input

Input N: 5

Output

1

2 3

4 5 6 7

8 9 1 2 3 4 5 6

7 8 9 1 2 3 4 5 6 7 8 9 1 2 3 4

7. Write a C program to print the given number pattern using loop.

Example

Input

Input N: 5

Output

1 1

12 21

123 321

1234 4321

1234554321

8. Write a C program to print the given number pattern using for loop.

Example

Input

Input N: 5

Output

1

2 6

3 7 10

4 8 11 13

5 9 12 14 15

9. Write a C program to print the given number pattern using for loop.

Example

Input

Input N: 5

Output

1

2 4

7 11 16

22 29 37 46

56 67 79 92 106

10. Write a C program to print the given triangular number pattern using for loop.

Example

Input

Input N: 5

Output

1

3 2

4 5 6

10 9 8 7

11 12 13 14 15