Assignment of Subjective questions

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

Example

Input

Input rows: 5

Input columns: 5

Output

12345

12345

12345

12345

12345

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

Example

Input

Input rows: 5

Input columns: 5

Output

12345

23456

34567

45678

56789

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

Example

Input

Input rows: 5

Input columns: 5

Output

1 2 3 4 5

6 7 8 9 10

11 12 13 14 15

16 17 18 19 20

21 22 23 24 25

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

Example

Input

Input rows: 5

Input columns: 5

Output

55555 55555 54321 12345

54444 44445 54322 22345

54333 33345 54333 33345

54322 22345 54444 44445

54321 12345 55555 55555

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

Example

Input

Input rows: 5

Input columns: 5

Output

12345 55555

23455 45555

34555 34555

45555 23455

55555 12345

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

Example

Input

Input rows: 5

Input columns: 5

Output

12345

23451

34521

45321

54321

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

Example

Input

Input N: 5

Output

12345 54321

21234 43212

32123 32123

43212 21234

54321 12345

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

Example

Input

Input N: 5

Output

555555555

544444445

543333345

543222345

543212345

543222345

543333345

544444445

555555555

9. Write a C program to print the perfect square number pattern series using for loop.

Example

Input

Input N: 10

Output

1 2 3 4 5 6 7 8 9 10

36 37 38 39 40 41 42 43 44 11

35 64 65 66 67 68 69 70 45 12

34 63 84 85 86 87 88 71 46 13

33 62 83 96 97 98 89 72 47 14

32 61 82 95 100 99 90 73 48 15

31 60 81 94 93 92 91 74 49 16

30 59 80 79 78 77 76 75 50 17

29 58 57 56 55 54 53 52 51 18

28 27 26 25 24 23 22 21 20 19

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

Example

Input

Input N: 5

Output

1 1

22 22

333 333

4444 4444

55555 55555