Assignment of Subjective questions

1. Write a C program to input a number and check whether the number is Perfect number or not.

Example

Input

Input any number: 6

Output

6 is PERFECT NUMBER

2. Write a C program to find all Perfect numbers between 1 to n.

Example

Input

Input upper limit: 100

Output

Perfect numbers between 1 to 100: 6, 28

3. Write a C program to input number from user and check whether number is Strong number or not.

Example

Input

Input number: 145

Output

145 is STRONG NUMBER

4. Write a C program to print Strong numbers between 1 to n.

Example

Input

Input upper limit: 1000

Output

Strong numbers between 1-1000:

1, 2, 145

5. Write a C program to print Fibonacci series up to n terms using loop.

Example

Input

Input number of terms: 10

Output

Fibonacci series:

0, 1, 1, 2, 3, 5, 8, 13, 21, 34