C programming lab file

**Manav Rachna International Institute of Research and Studies**

**School of Computer Applications**

**Department of Computer Applications**

Student Name- Sneha Sidhu

Roll No- 24/SCA/BCA(AI&ML)/065

Programme- BCA(AI/ML)

Semester- 1

Section- IB

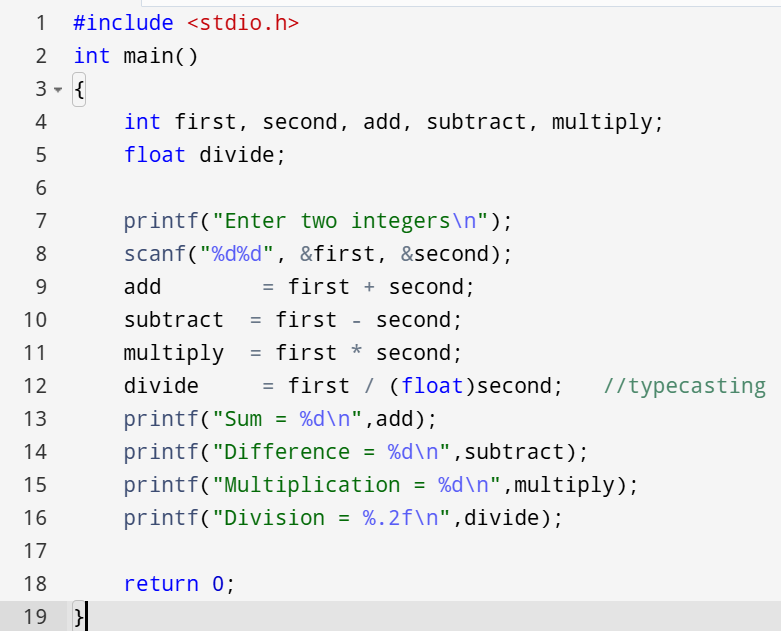
Batch- 2024-27

Faculty Name- Miss Iram Fatima

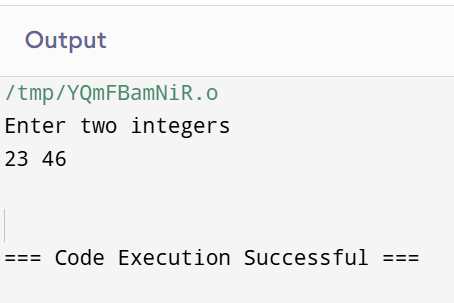
Question-1

Write a Program to perform arithmetic operations (Addition, Subtraction, Multiplication, Division) on two numbers.

Input:



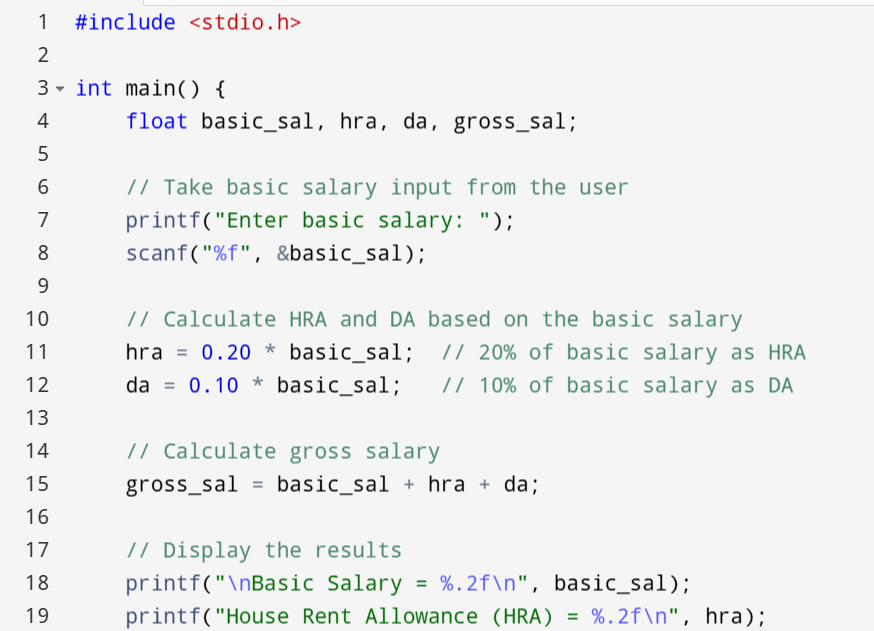
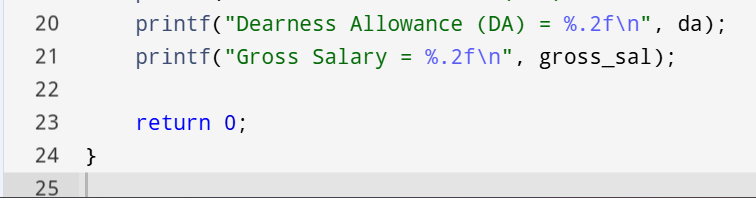
Output:



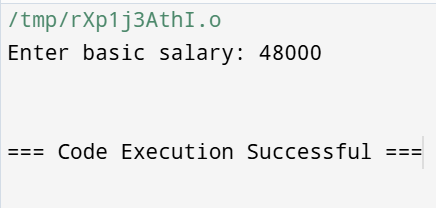
Question-2

Write a Program to calculate gross salary of an employee [using formula:gross\_sal = basic\_sal+hra+da].

Input:

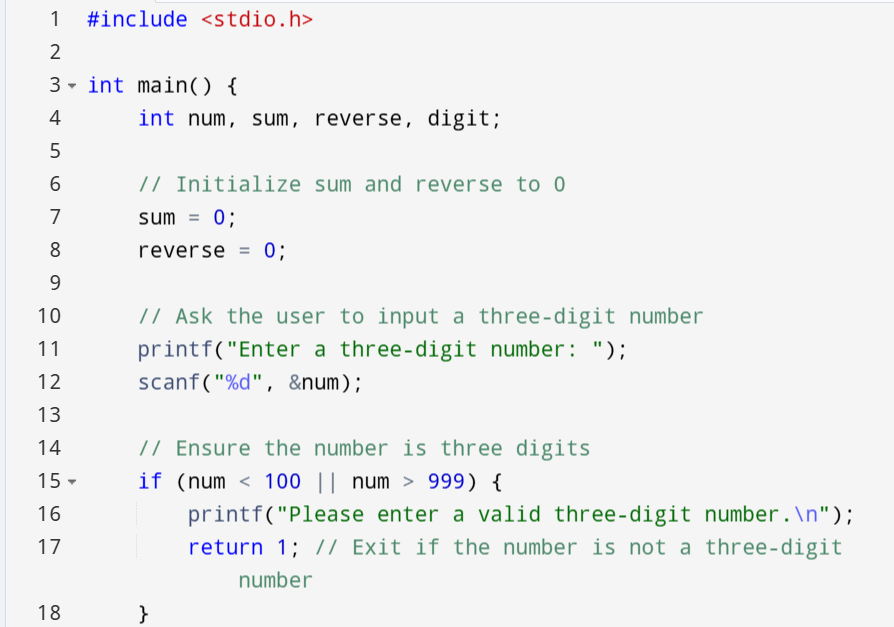
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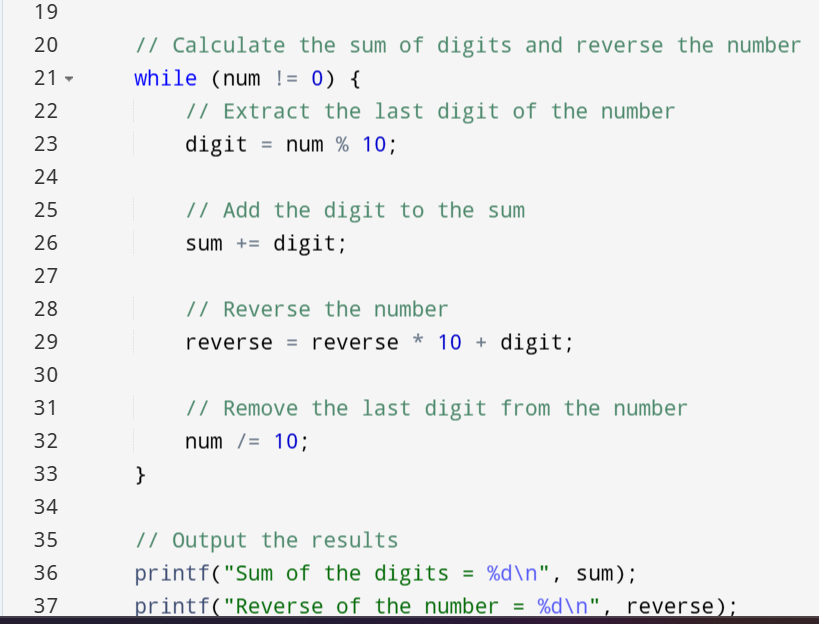


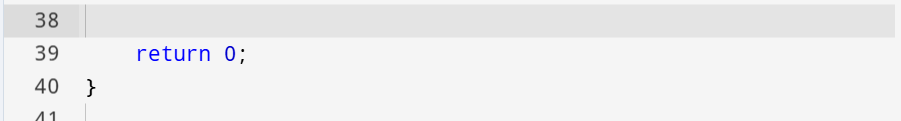
Question-3

Write a program to find sum and reverse of three-digit number

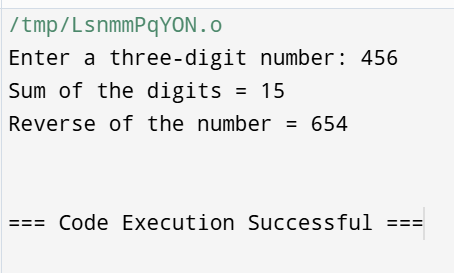
Input:







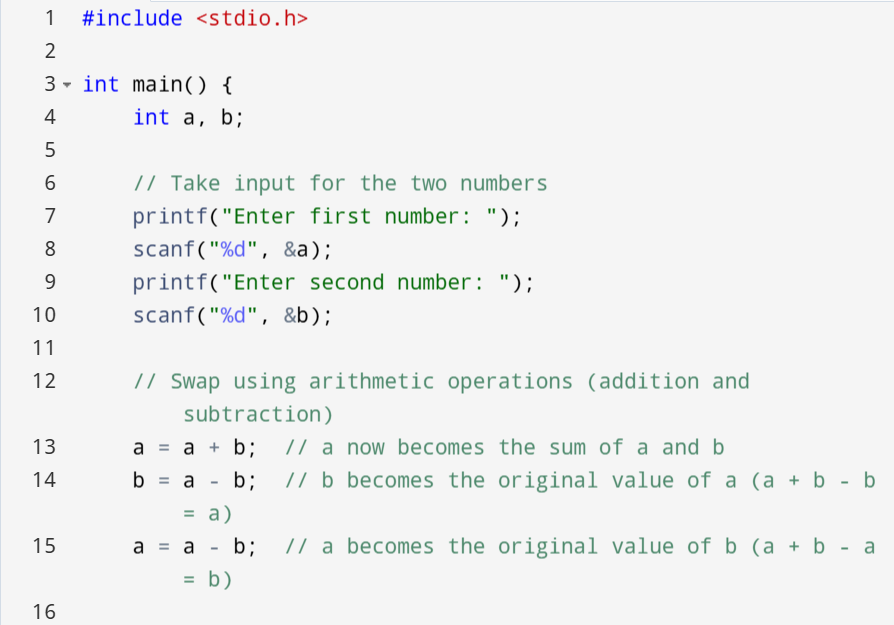
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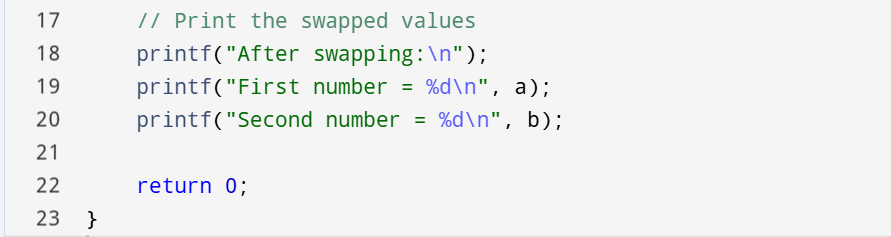


Question-4

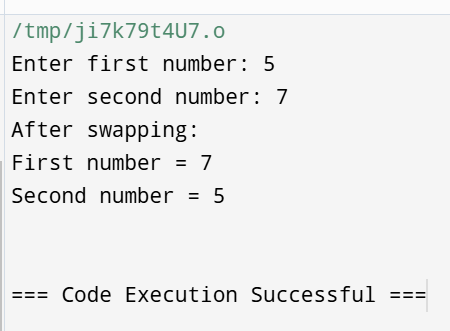
Write a Program to swap two numbers without using third variable

Input:





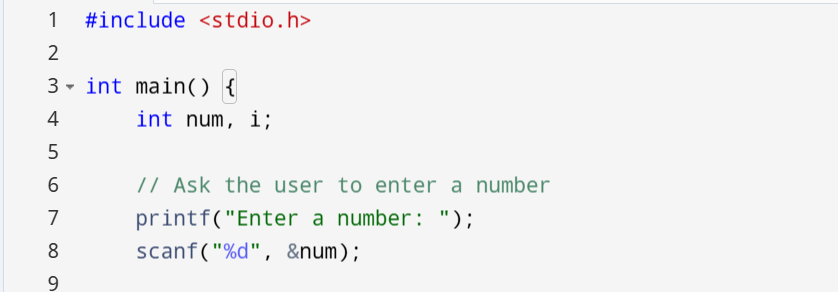
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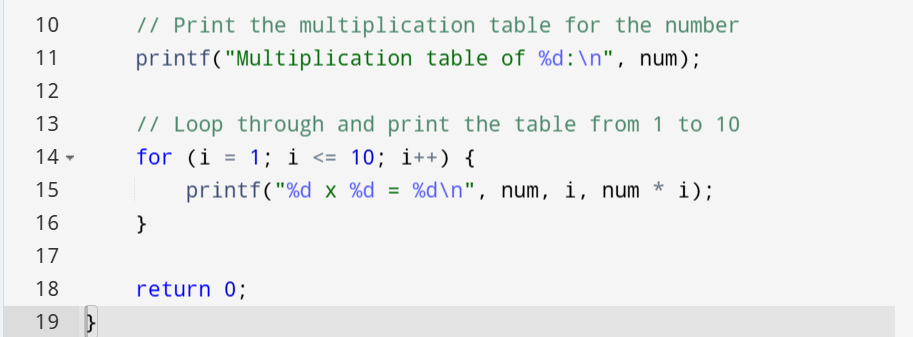


Question-5

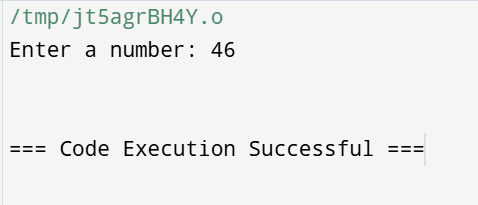
Write a Program to print a table of any number

Input:





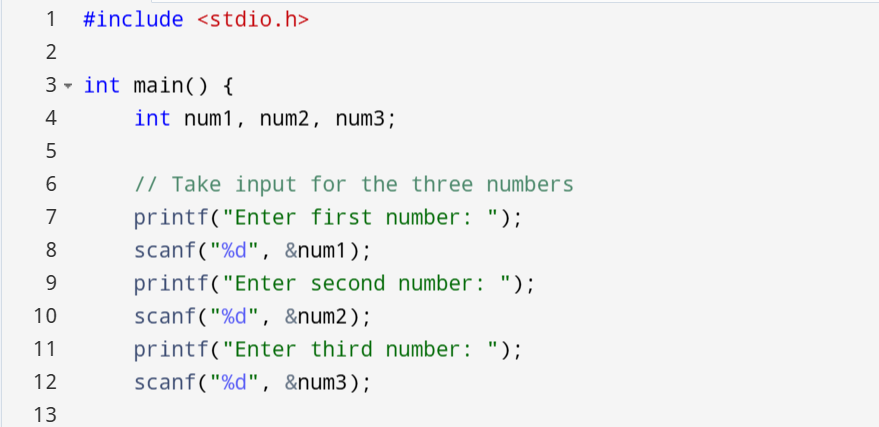
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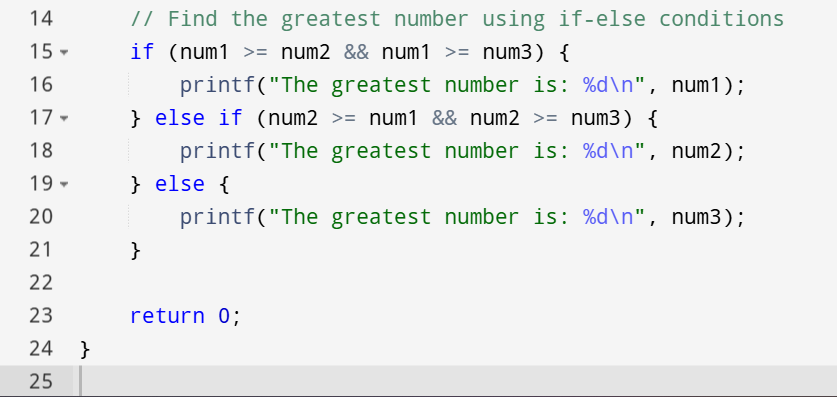


Question-6

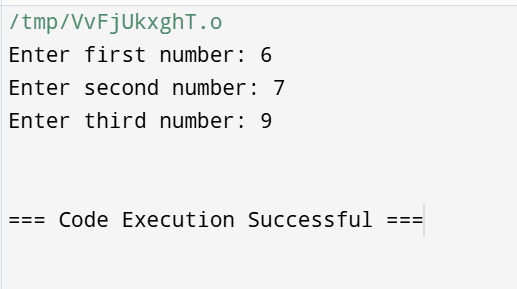
Write a Program to find greatest in 3 numbers.

Input:





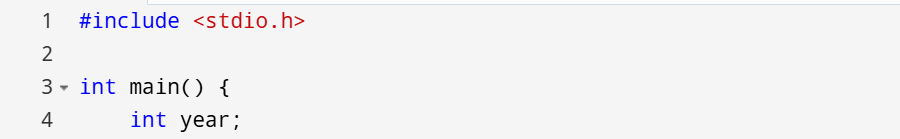
Output:

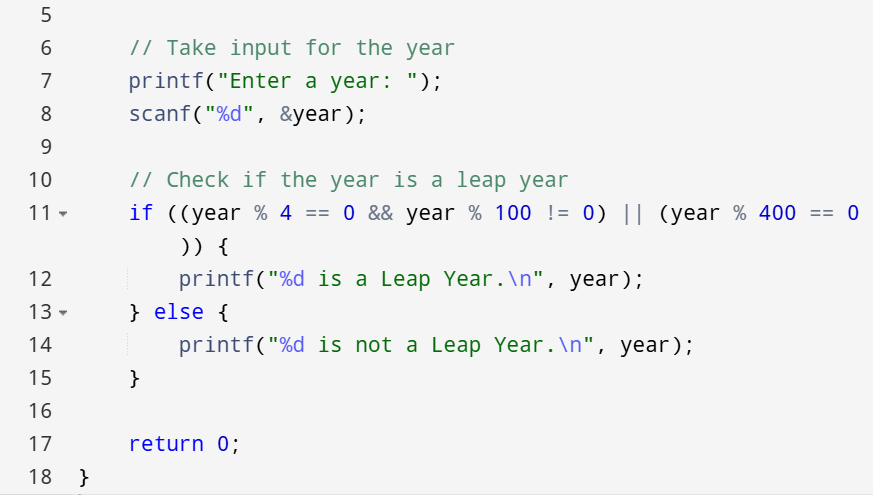


Question-7

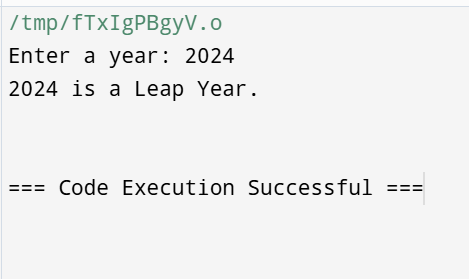
Write a Program to find that entered year is leap year or not.

Input:





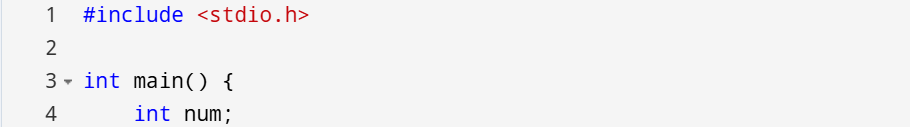
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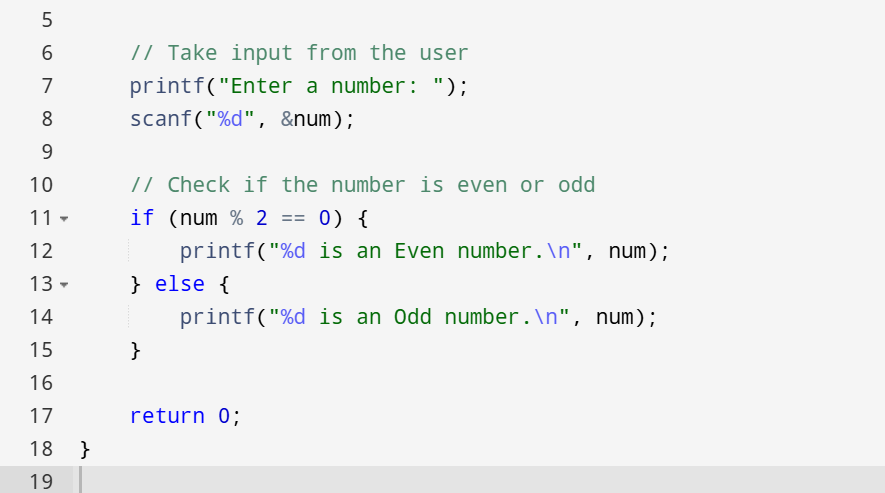


Question-8

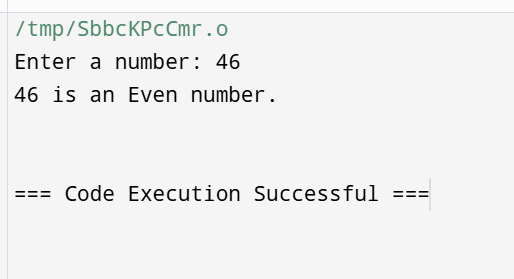
Write a Program to find whether given no is even or odd.

Input:





Output:

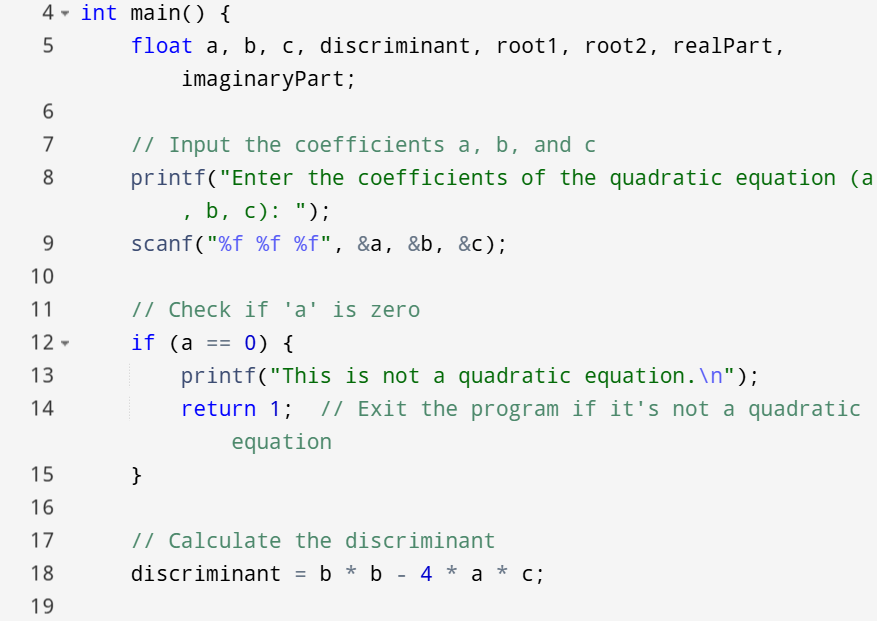


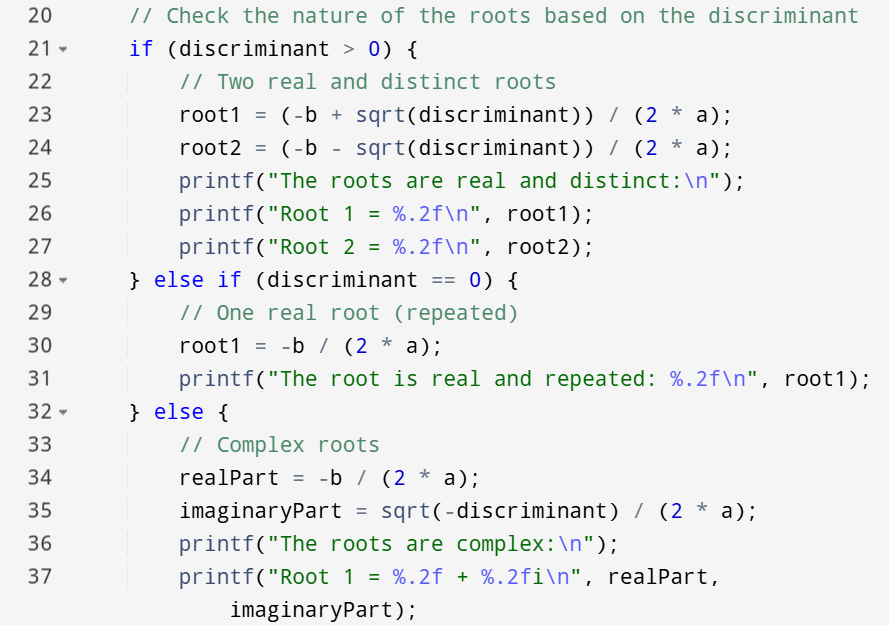
Question-9

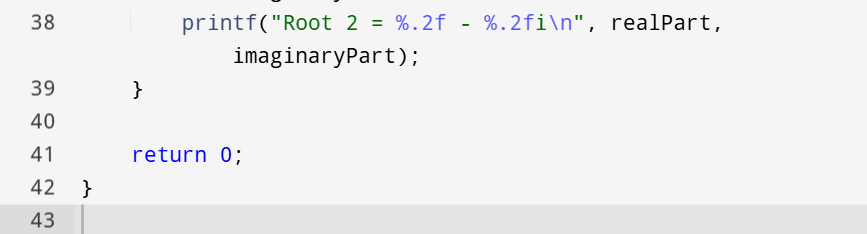
Write a program to find the roots of a Quadratic Equation.

Input:

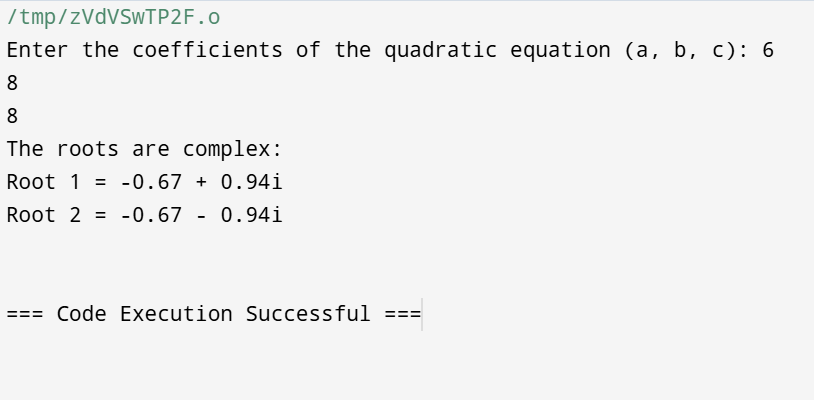








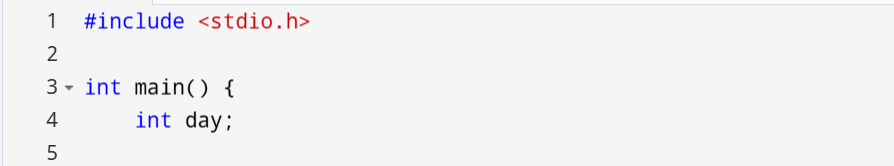
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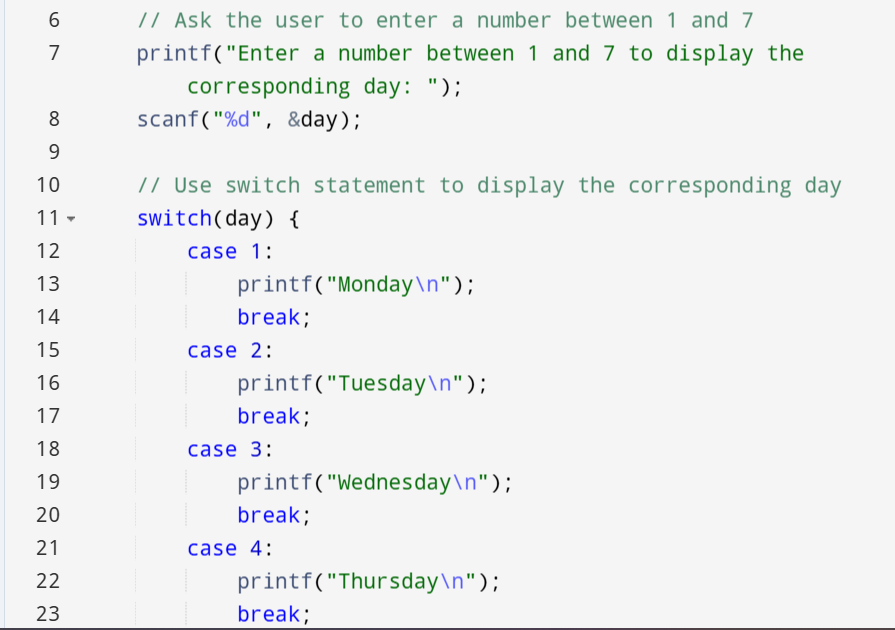
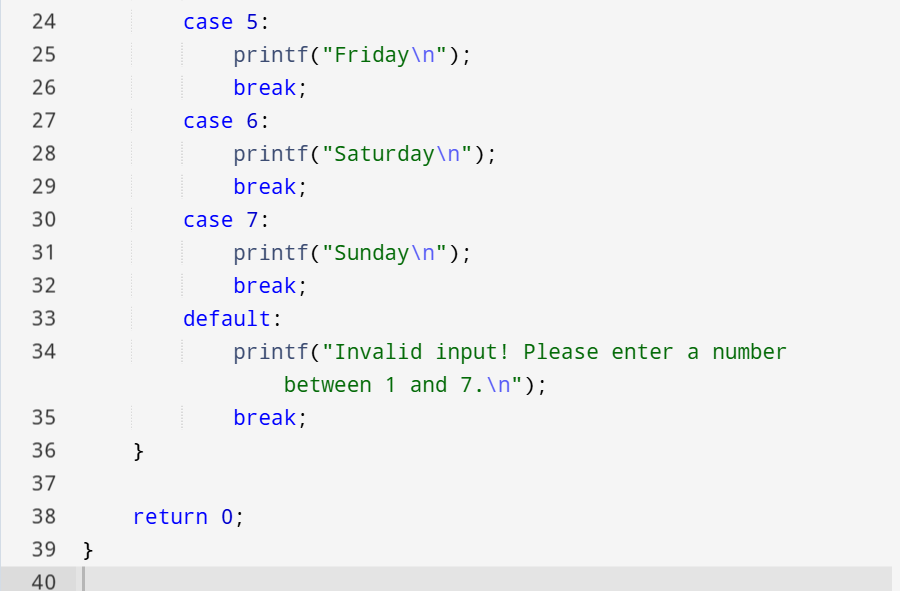


Question-10

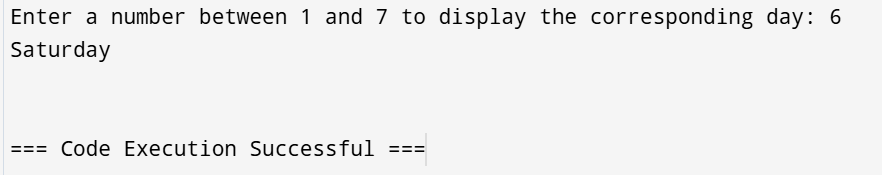
Write a Program to use switch statement. Display Monday to Sunday.

Input:



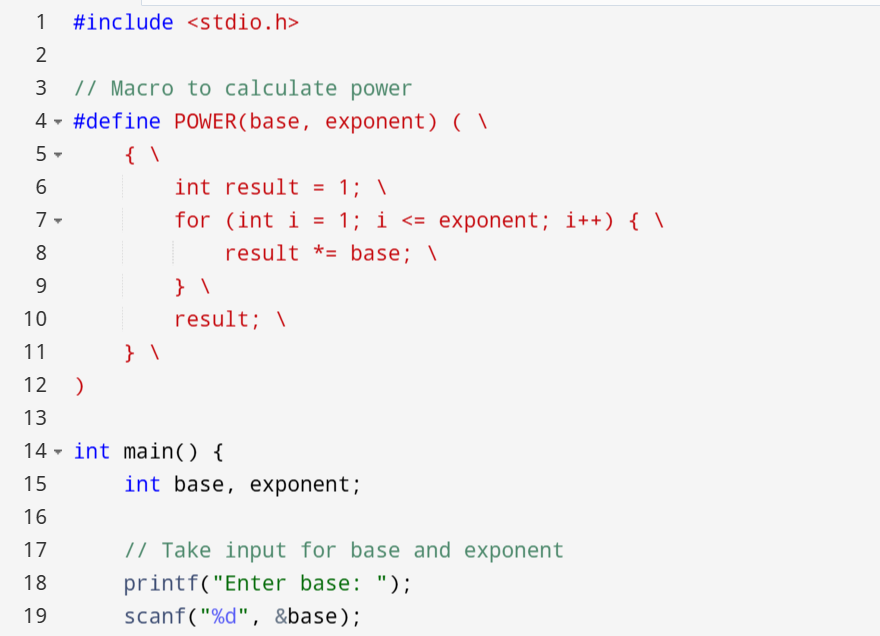
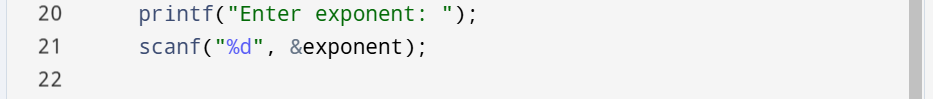
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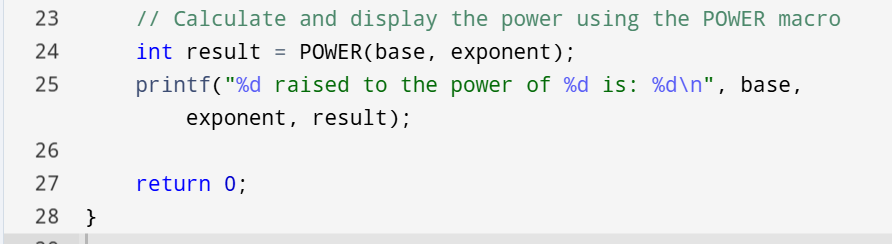


Question-11

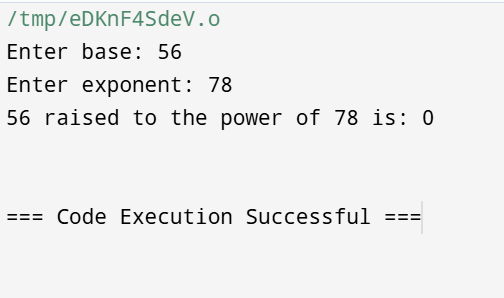
Write a Program to calculate power of a number using #DEFINE

Input:



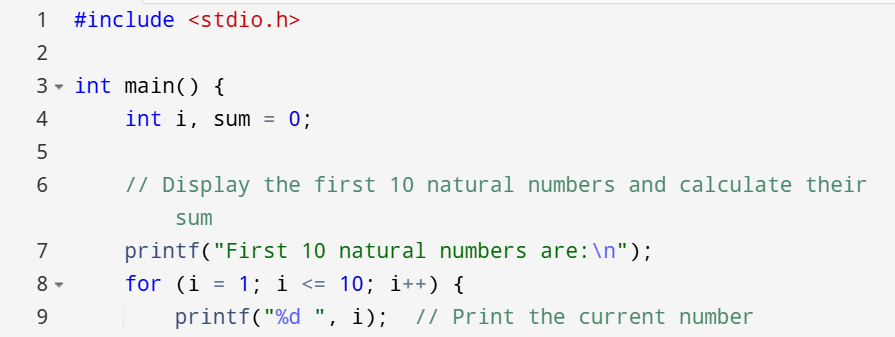
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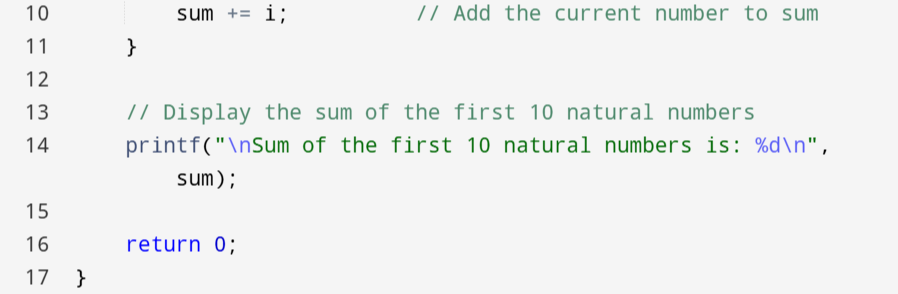


Question-12

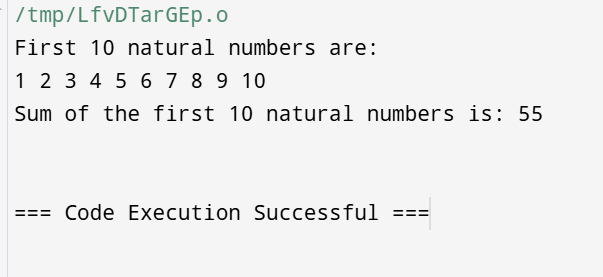
Write a Program to display first 10 natural no & their sum.

Input:





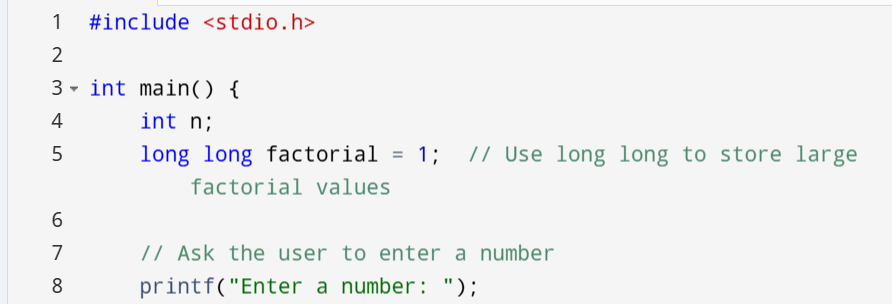
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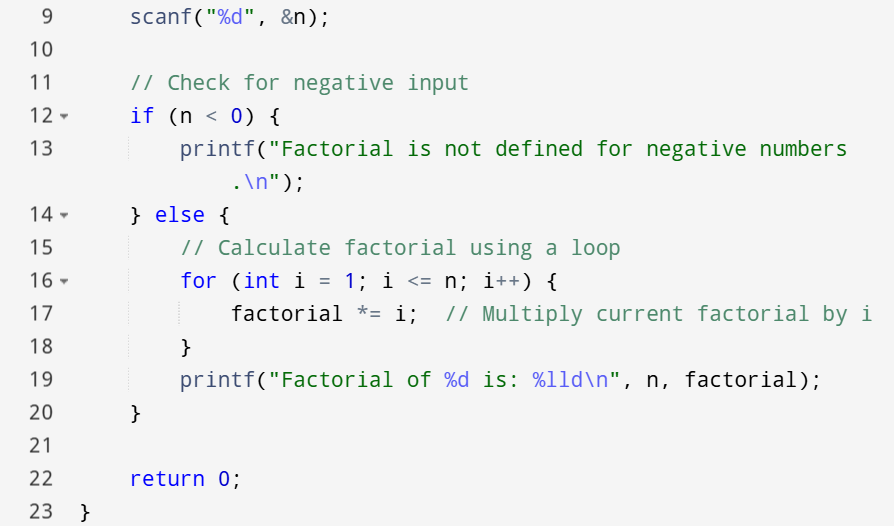


Question-13

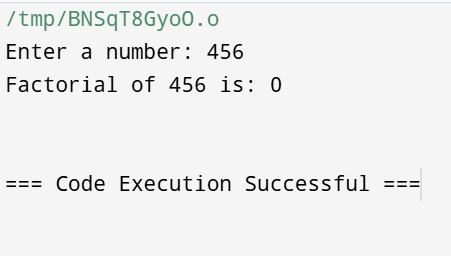
Write a program to find the factorial of n number.

Input:





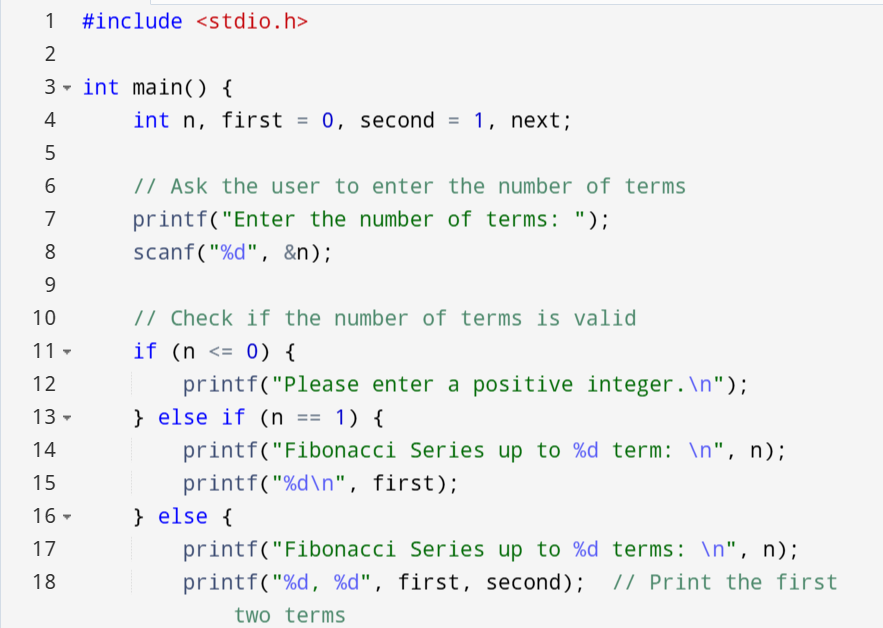
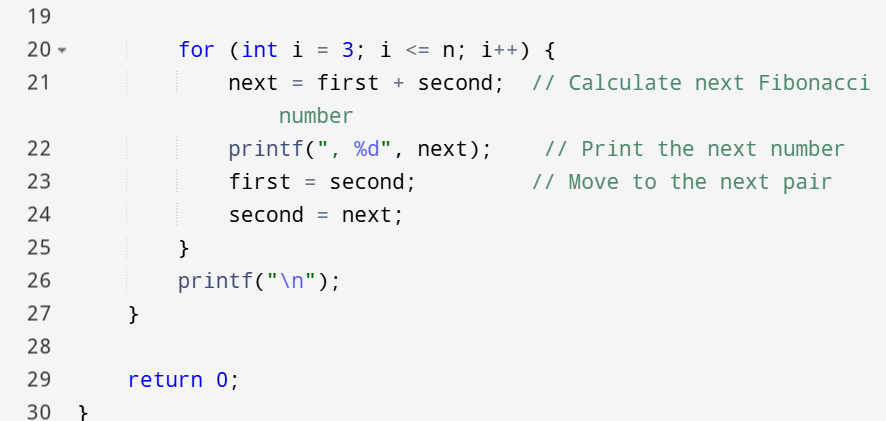
Output:



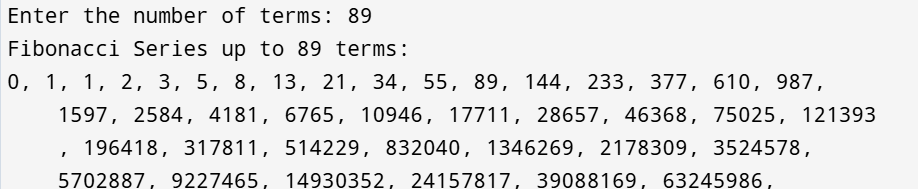
Question-14

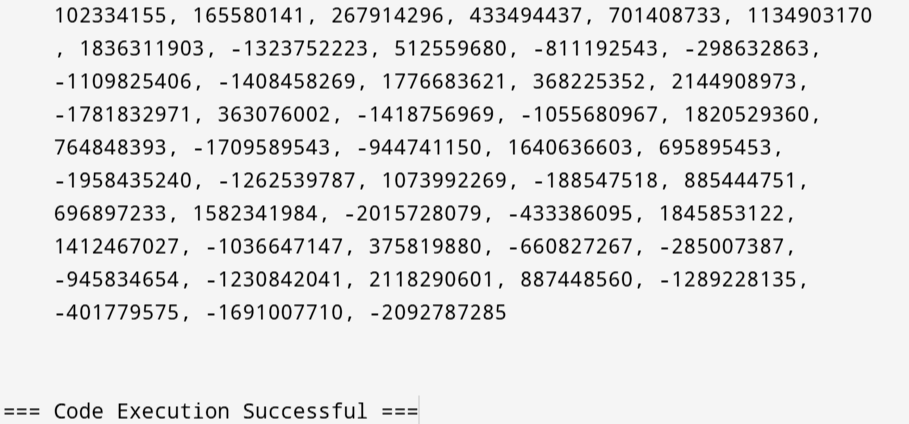
Write a program to generate the Fibonacci series up to n terms.

Input:

Output:





Question-15

Write a Program to print stars Sequence.

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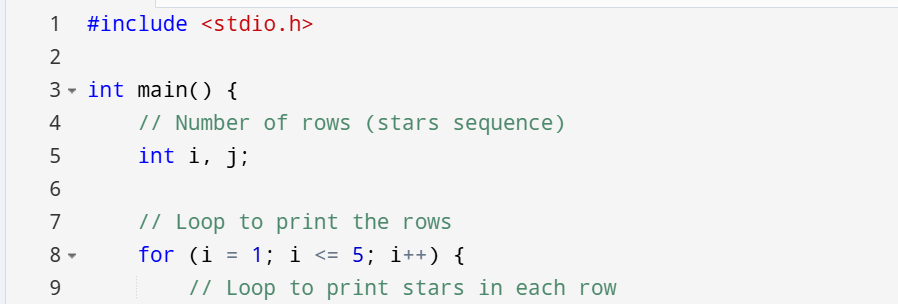
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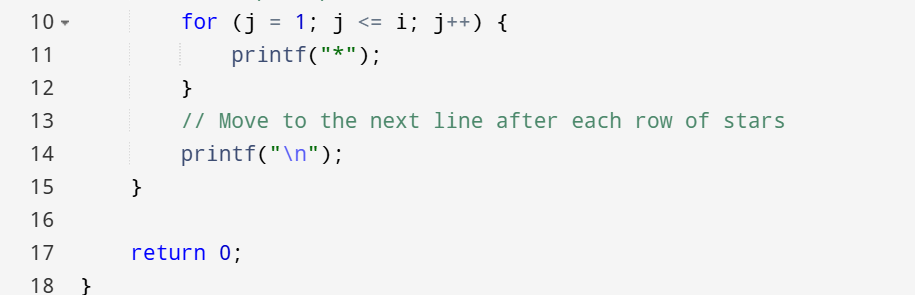
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Input:





Output:

