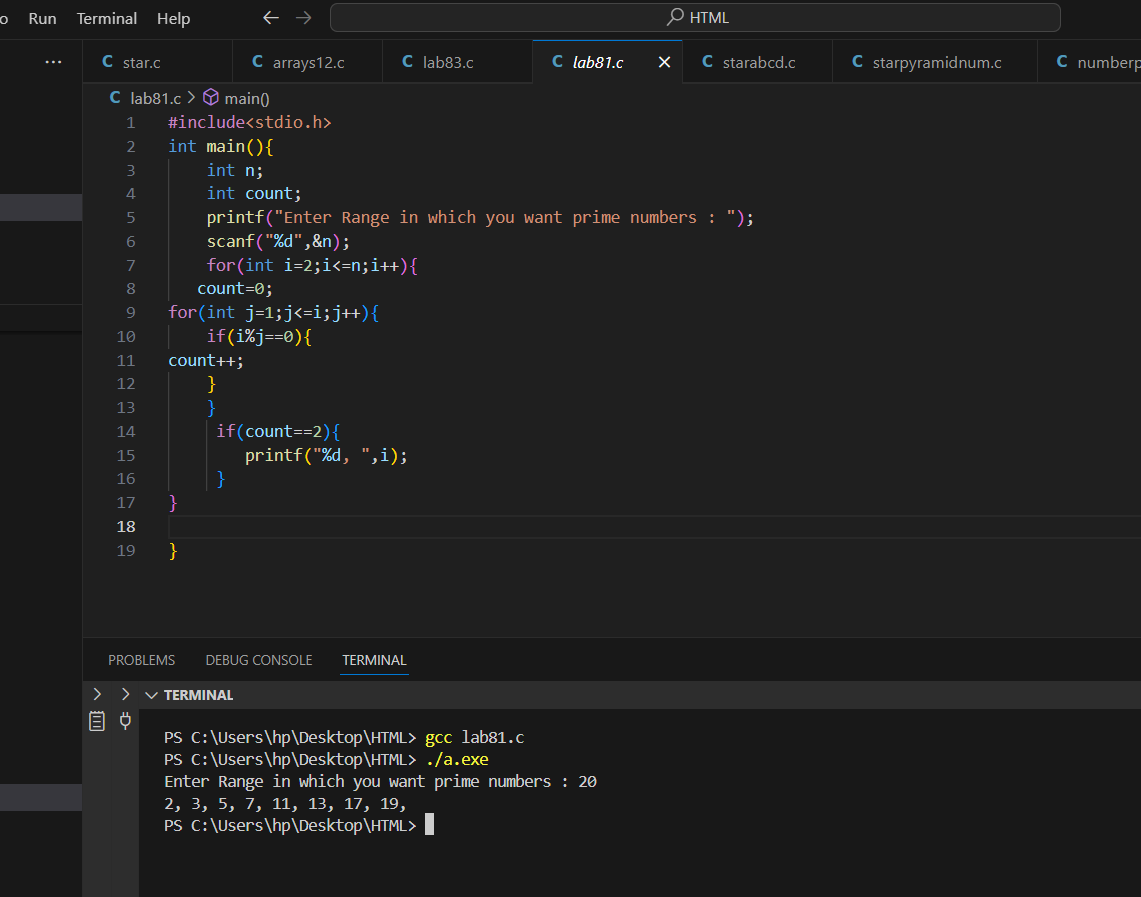
**Write a C program that generates a sequence of prime numbers within a given range using nested loops.**

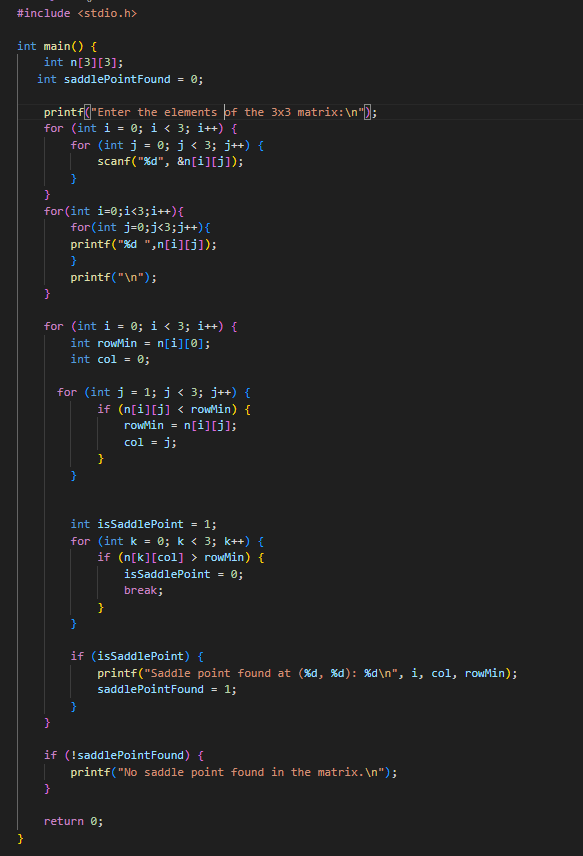
****

**Generate a pattern of odd numbers in decreasing order starting from a user-specified number using nested loops.**

**A screenshot of a computer program

Description automatically generated**

**Write a C program to find the saddle point(s) in a given 3x3 matrix. A saddle point is an element that is the smallest in its row and the largest in its column.**

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**A computer screen shot of a black screen

Description automatically generated**

**Write a C program to multiply two matrices of size 3x3 and display the result matrix.**

**A screen shot of a computer program

Description automatically generated**

**A screenshot of a computer

Description automatically generated**

**Write a C program to generate a diamond shape pattern using nested loops. The program should take the number of rows for the upper half of the diamond as input from the user.**

**A screen shot of a computer program

Description automatically generated**

**A screenshot of a computer program

Description automatically generated**