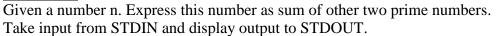
### **Program1:**



Example:
Input:
24
Output:
11 13
Input:
12
Output:
5 7
Input:
11
Output:

Can't express as sum of two prime numbers

### **Program2:**

Given a range of number, find the series of numbers which are both Fibonacci and prime number within specified range. Take input from STDIN and display output to STDOUT.

# Examples:

Input:

n1 = 5

n2=40

Output:

5 13

Input:

n1 = 20

n2 = 30

Output:

No match found

## Program3:

Given a value x, if we want to make change for x Rs, and we have infinite supply of {1, 5, 7, 10} valued (Rs.) coins, what is the minimum number of coins needed to make the change? Take input from STDIN and display output to STDOUT.

Exampl	e:
Input:	
65	

65

Output:

7

Explanation:

6X10+5=65

Input:

12

Output:

2

Explanation:

7+5=12

### Program4:

Write a java program to find the duplicate words and their number of occurrences in a string? Take input from command line argument.

Example:

Input:

Super Man Bat Man Spider Man

Output: Man: 3

Input:

Bread butter and jam

Output:

No duplicate

#### Test Cases:

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- 1. VALID INPUT:
- a) Only one argument will be given as input.
- 2. INVALID inputs:
- a) No argument
- b) Two or more than two arguments.
- 3. You should generate output as follows:
- a) Print to the STDOUT.
- b) If error print 'ERROR' to the STDOUT without any additional text.

### **Program5:**

There is an array with every element repeated twice or thrice except one. Find that element? Take input from STDIN and display output to STDOUT without any additional text.

#### Example:

Input:

{1, 1, 2, 2, 3, 4, 4, 5, 5, 5}

Output: 3