Exercise 1: Write a C program inputs integer n so that n greater than or equal 10 and less than or equal 20. Display to the screen all the rectangle of stars base on given n.

Example: if n was inputted 10 then the triangle of stars display on the screen like below:

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* * * * * * * * *
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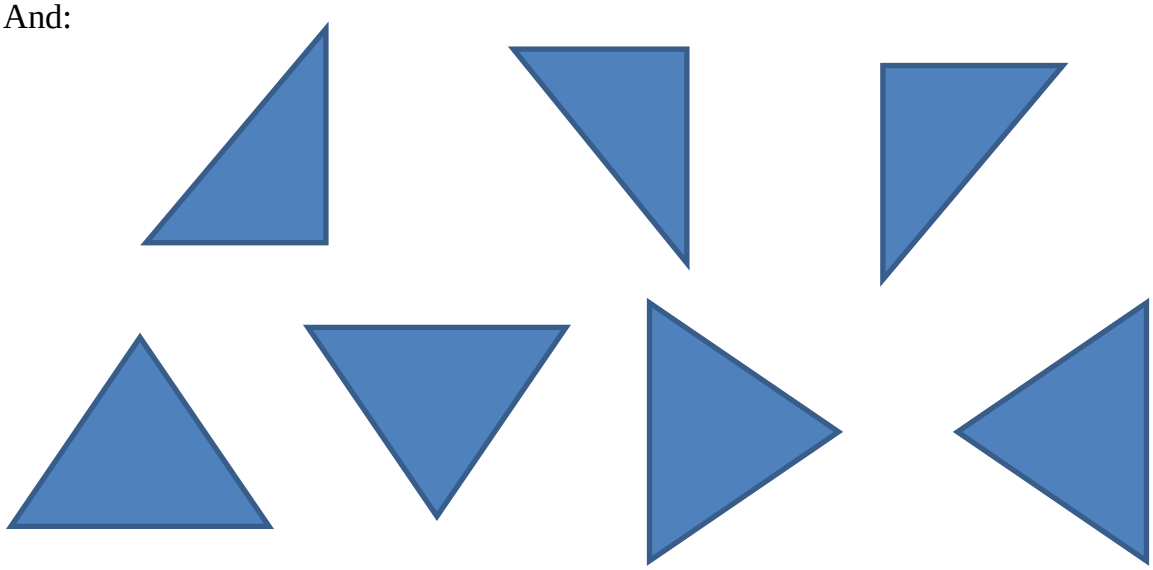
```

And:



Exercise 2: Write a C program inputs positive integer n, calculate and display total all prime numbers from 1 to n.

Hint: Scanning from 1 to n to find out all prime numbers and calculate accumulate total.

Exercise 3: Input positive integer n and then print Fibonacci from 1 to n.

Fibonacci: $F_0=F_1=1$;

$F_i = F_{i-1} + F_{i-2}$ (i>=2)

Exercise 4:

Input even positive integer n

Display "Double columns"

Display N of first integer numbers in "Double columns", the first column has N/2 numbers from 1 to N/2, the second has N/2 numbers from N/2+1 to N, that described as following:

Example: N=6	**N=10**
1 4 2 5 3 6	1 6 2 7 3 8 4 9 5 10

Calculate total of all elements in even rows in "Double columns"

calculate total of all elements in all even rows in the "Double columns" mode, display result in main function as following :

Example: N=6 **Even rows:** **2 5** **Total=2+5** **Therefore, the output :**	**N=10** **Even rows:** **2 7** **4 9** **Total=2+7+4+9** **Therefore, the output :**
1 4 2 5 3 6 Total of all elements in even rows:7	1 6 2 7 3 8 4 9 5 10 Total of all elements in even rows:22

Exercise 5: trăm trâu trăm cỏ (google)