Introduction to Programming

with Java

Class: **Combinations.java**

Score: ⭐ ⭐ ⭐ (Medium)

Description:

Write a program which computes the mathematical combinations function *C(n, k)*, which is the number of ways of selecting k objects from a set of n distinct objects. The program is supposed to take the number of objects in the set (n) and the number to be chosen (k) as input and write the mathematical combination of these numbers in console.

Sample Run:

```
Enter number of objects in the set (n): 5
Enter number to be chosen (k): 2
C(5, 2) = 10
```