

Exercise 4: Computing LCM Of Two Values

This exercise requires you to compute the LCM of two numbers

WE'LL COVER THE FOLLOWING ^

- Problem Statement
- Example

Problem Statement

Write a program in C# to find the **LCM** of two numbers using recursion.

You're given the *method* `lcm_Calculate` that takes two integers `a` and `b` for which it calculate the **LCM**.

You have to find the **LCM** using *recursion*.

Example

Input:

Value of `a` is 8 Value of `b` is 4

Expected Output:

The LCM of 8 and 4 is: 8

Write your code below. It is recommended that you try solving the exercise yourself before viewing the solution.

Good Luck!

```
class Exercise1
```



```
{
public static int lcm_Calculate(int a, int b)
{
    int y = 0;
    //write your recursive code
    return y;
}

public static int test(int a, int b)
{
    int lcm=0;

    //first parameter of lcm must be smaller than 2nd
    //ensure that using if-else statement and then call the lcm_Calculate function accordingly

    return lcm;
}
}
```

