# Fast Exponentiation by Binary Method (Recursive Approach)

Basic Algorithm :

If n is even: 

If n is Odd: 

Let n is even:

To find out exponential(x,n), firstly find out exponential (x,n/2) by recursion and then square the result to get exponential(x,n)…..

You can find code on Coding Blocks IDE : <https://ide.codingblocks.com/s/122836>