

Challenge: Calculate $(a + b)^3$

This challenge will test your knowledge of operator precedence.

We'll cover the following ^

- Problem Statement
- Sample Input
- Output
- Coding Exercise

Problem Statement

The task is to compute $(a + b)^3$ and display it on the console. The following mathematical formula is expanded as:

$$(a + b)^3 = a^3 + b^3 + 3ab(a + b)$$

Sample Input

```
a = 2
b = 2
```

Output

```
64
```

Coding Exercise

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

Note: There is a `test` function given in the code for testing purposes. Do not modify it.

Important Note: The power of x^y is calculated as `datatype :: pow(x,y)`. Here, the data type is the return value of the power function.

Good luck!🍀

```
fn test() {  
    let a = 2;  
    let b = 2;  
    // Write code here!  
}
```



The next lesson will teach multiple solutions to the above problem.