

Solution Review 1: Check If Even or Odd

This lesson gives a detailed solution review of the challenge in the previous lesson.

We'll cover the following ^

- Solution:
- Explanation

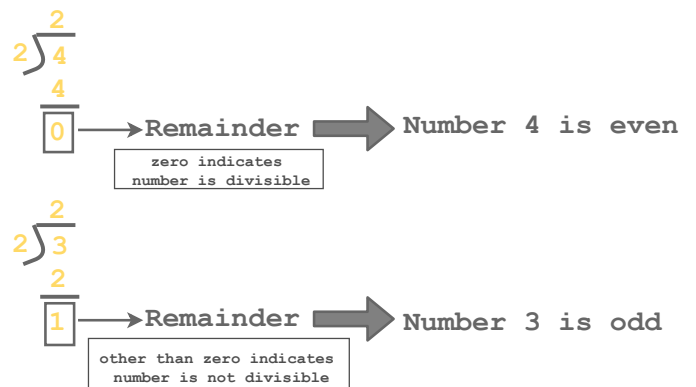
Solution:

```
fn test(_a:i32) {  
    // check divisibility by 2  
    if _a % 2 == 0 { // execute if divisible  
        println!("Number {} is even", _a);  
    }  
    else { // execute if not divisible  
        println!("Number {} is odd", _a);  
    }  
}
```



Explanation

Note: The statement `a % b` evaluates to the **remainder** of the division of variable `a` by variable `b`.



- **if** construct

- On **line 3 and 4**, if the condition, i.e., modulus 2 of `_a` is equal to zero then, prints that the Number is even.

- **if** construct

- **else** construct

- On **line 6 and 7**, the **else** block is executed. If the **if** block does not execute, then prints that the Number is odd.
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