

Mutation Testing

What is mutation testing?

- Technique to evaluate the quality of a test suite
- Introducing small mutation to the code
- Does the test suite catch the mutation ?

Remember me ?

```
public class Calculatrice {  
  
    public int addition(int a, int b) {  
        return a + b;  
    }  
  
    public int soustraction(int a, int b) {  
        return a + b;  
    }  
  
    public int multiplication(int a, int b) {  
        return a * b;  
    }  
  
    public float division(int a, int b) {  
        if (b == 0) {  
            throw new IllegalArgumentException(s:"Division par zéro impossible");  
        }  
        return a / b;  
    }  
}
```