

Task #2

Explain Pure Functions VS Impure Functions with examples.

1. Pure Functions ===== it must be predictable , and must have no side effects;

```
const add = (num1 , num2) =>{  
  return num1 + num2;  
};
```

2. Impure Function ===== is kind of the opposite of a pure one - it doesn't predictably produce the same result given the same inputs when called multiple times, and may cause side-effects

```
let num1 = 0;  
const add = num => {  
  return num1 += num2;  
};
```