*Task2:*

Q3: Explain Pure Functions VS Impure Functions with examples.

*Pure🡪 they must be predictable & they must have no side effects{ Modifying a global variable*

*, Modifying an argument , Making HTTP requests, DOM manipulation, Reading/writing files}*

*An 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.*

Example:

//pure function: //impure function:

Const pureAdd = (num1,num2)=>{ let plsnum = 0;

Return num1 + num2; const impureAdd = (num)=>{

}; return (plsnum += num);

pureAdd(5,5); //10 };

pureAdd(5,5); //10 impureAdd(5);

//5

impureAdd(5);

//5

*Conole.log(impureAdd)*

*//10*