**CLOSURES**

2. What are IIFE?

Ans. IIFE (Immediately Invoked Function Expression) is a JavaScript function that runs as soon as it is defined.

Regular function Arrow function Async function

(function () { ( () =>{ (async()=>

/\* ... \*/ /\* ... \*/ /\* ... \*/

})(); })(); })();

It is a design pattern which is also defined as self executing anonymous function. It has two major parts:

1. First is the anonymous function with the lexical scope with the grouping operator. This prevents. This prevents accessing variables within the IIFE idiom as well as prevents polluting the global scope.
2. The second part creates the Immediately Invoked Function Expression through which JavaScript engine will directly interpret the function.

3.What is currying?

Ans. Currying is when a function- instead of taking all arguments at one time, decomposing them into a sequence of functions with a single argument.

For example:

Non-curried version Curried-version

Const add= (a,b,c) =>{ const addCurry=(a)=>{

Return a+b+c return (b)=>{

} return (c)=>{

Console.log(add(1,2,3)) return a+b+c

}

}

}

Console.log(addCurry(2)(3)(5))