Javascript interview questions

1. **Closure**

* In short legacy passed from parent to child to remember
* Inner function has access to outer function even after outer function is executed
* It has access to its own scope variables  
  it has access to outer function’s variable

It has access to global variables

* E.g   
  function parent() {

var house = 'WhiteHouse';

function child() {

var car = 'BMW';

console.log('i have ', house + ', ' + car)

}

return child

}  
var legacy = parent();

legacy();

* During the execution parent function pass its scope chain to child function as legacy and thus child function has an access to parent preserved variables
* Closures **store references** to the outer function’s variables

1. Arrow Function

* Function keyword **not required**
* Syntax const add = ( a, b )=>{ return a+b; }
* This – do not have their own this context but inherit this from enclosing function
* Arrow function does not have their own arguments object but inherit it from enclosing function  
  function outerFunction() {  
   const innerArrowFunction = () => {  
   console.log(arguments); // Output: [1, 2, 3]  
   };  
   innerArrowFunction();  
  }  
    
  outerFunction(1, 2, 3);
* Arrow function can not be used in object method as they don’t have its own this
* Can not be used as constructor method with the new keyword, typeerror