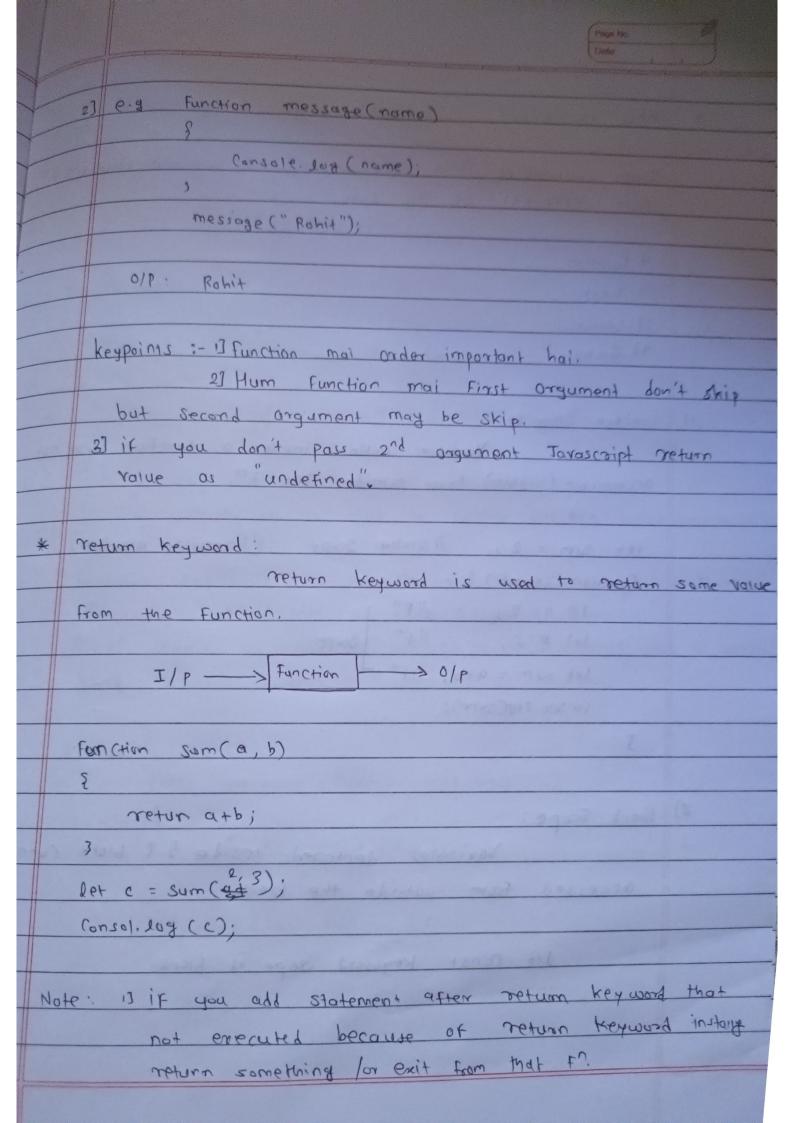
* Function:				
	function:  function is a block of code that person			
	a specific task.			
	Function Definition (teasing Is)			
	Function Fun_name()			
	{			
	11 Do something			
	3			
	alter to a least of the least o			
	Function Call (Using the Function)			
	fun_name();			
1]	e.g function message()			
§				
Console.log(" Robit");				
	3			
	message();			
	YP; Rohit			
	41 KONIT			
* 1				
* Function with Argument:				
Value we pass to the Fn nothing but Argument.				
value we pass to the Frothing but Argument.				
	Function fun_name (arg), arg2, argn)			
	{			
	11 Do something			
	3			



		Pege No.
		Dote
-		
-	*	
-	*	What is scope?
1		Scope determine the accessibility of variable objects
7		From different tof the code
7		from different of
-		11 5 - 12-2
7		1) Function 2) Block
2		
2		3] Lexical 4] Global
-		Gle Pal
-	-	
-		Function Scope :- Variables defined inside a function are not
~		accessible (visible) from outside the Fr.
_	_	accessible (viable) from ourside
_		let sum = 2; // Global Scope (Acressible anywhere)
_		11. 56.
~		Function sum()[
5		let a = 2; 11 F7 7  let b = 3; 11 F7 3cope
~		let sum = a+b; 115° supe
_		
_		(ansolo. Pof(sum);
5		3
~		
_	2]	Block Scope:
~		Variables declared inside & ? block (annot by
_	_	accessed from outside the block.
_		
_		det, const keyword sope is block
~		
	A TORRESON AND A	

3

-

33	Grobat Lexical Scape :- (nosted th)  A Variable desined outside a function (on be			
	accessible inside another to defined after the variable declar			
	* This appast is Not true.			
*	Hoisting :-			
	Hoisting in javoscript default behaviour of moving declaration to the top.			
*	Function Expression:			
	- Function expression nothing but anonyms for			
	- function expression is used to define function inside any exp			
	Ssion.			
-	- function expression is used as an Immediately Invoked Function			
	Expression, which you as soon as it is defined			
-	A For expression are stored in a variable 4 can be accessed			
	Using variable name.			
	Syntaa:			
	Const Var_name = Function (org1, org2,)			
	£			
	11 do or return something			
	3			
	Var_name (vall, val2,);			
	12) segged ander			

```
Higher Order function:
    A Function that does one or both i
    1) Take one or multiple F" as argument.
    2) return a Function.
    e.g
1]
         function multiplegreet (great, n)
            for (let i=0; i <= n; i++)
               func();
         let greet = function()}
                 Console. log( "hello");
         multiple greet (greet, 2);
       Olb: Hello
              hello
 2
      function Odd EvenTest (req)
          if ( rea = = "odd")
              return function (n)
               (onsole. Doy('(n1.2) = =0));
```

```
eise ix ( req = = "even")
    return function (n)
        Console log ((n-1.2) == 0));
 esses
      console log ("wrong request");
 Jet reg = "odd";
 DAL res = odd Even Test (req):
      res (5);
Method:
  Const Cal = {
        add: function (a,b)
           (onsole, log(a+b);
        dub: function (a, b)
           (d-b) for slotus):
    Caliadd (1,2);
```

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		-

		Dete
- X-10		
	Function Declaration	Function Expression
	17 [7]	If expression is same as Fr declar. tion, but with it, we can declare
	declaration is a time	tion, but with it, we can declare
	ditional way bt declaring	tion, but with it, we can declare unnomed for
	to.	
0	3 Fo is named	2) Fr is namples, as well as named
*	Fr is named	3.74.79
3]	For are invoked only using	Fr are stored inside a variable
	the Fr name	4 invoked only wing the variable
		nome.
		List characteristics
4]	6.9	4] e. g
	function message()	Ret con = Function ()
	3	8
	,	3;
	message();	(on();
		3 10 400
5)	no need to add Semi-colon	5) need to add semi-colon at dup
		n end of for expression.
		(dealest asses)
67	For declaration is hoisted	4 betwied too is no issurages (7 (6)
	at the top of the	the top of the program + is only
	because	loadred when the interpreter reaches
		the sine of code
		V