Q1. Higher order Eurotions and their work:
1. for Fach => For Each is like a loop
1. for Fach -2 For Each is like a loop
it iterates all sover I all the elements
of array and does not charge the original
array. Syntax: for Each Clebenest, Indexary
=> Decompession 9).
of array and does not charge the original array. Softenpession 37. For esc:
[et or = 1, 2, 5, 4, 5]
· Lower of let and belief sind of 1
Let remove [];
Color Della
resource our for Each ((ele) - the 7. 12 e)
torsole log (elejos ==0)):
and it will give output as a word of
and we write give ourque as
false
JUNION MANTE folsowing - 1 aux 1812
3 CTO IN TO THE STATE OF THE ST
1 (5 montage) montage
false
True.
It simply literates over an derray.
7 (3/3)) 10/2 - 10/0 miles 13
Map => Map is also like For Each it only
iterates over an array but sucher than
modifying original array it will return
a new operand
1 d.
The state of the s
(Colomand To destination) =) (
Array map ((clement, Index, overay) =) {
Eyntax: Array map ((element, Index, orving) =) { expression 3);

Egres: ason map (cele) Congole log Chew won The output will bee as: false, tome, false, tome, to a new array of how sure Down to by Assey, filter (element, Index, avoing) =) [setunienpression 3); er ers 1/12/3/45/67/11/03 ary filter ((ele)=) getwo ele's ==097; Console log (new ever); weput will be. <u>[2/4/6].</u>

Reduce: Reduce is used to a adding keys in object due operation is it will i	Marie Marian 3
Reduce is need to	corroug functions like
adding beyon object best	firet and foremost
operation is it will i	terate and reduce
with the element, in as	oray.
	0.1.
Syntax rolling	1) he-s
Syntax ratotype . redu	ce (Caccumulator, element,
index, array) => Ses	cpression 3 milial.
	31
Foresci	
Let our = [1,2,3]	(Call to 100)
et sun = wol geducel	in the second se
(Constant of the state of the s	ele; 39;
console log (: sum);	est the topic
Output will be:	2 4 . 4 2 . 3 . 5
2 1	Page 1 Cap Life
1+2+3+4=5+6=21.	
** C/F-	- white difference
There williams or where	gradien's issue
	as r
- No - color - who -	1. 1 - 2/3 · Just Man 2/2
	* Y
· ON= -21- author	Cont. 1. minter eur
	- O
ment a workering representing	with look of with soul
	TON CANADAN TO
	TON CANADA TON

5. Sort: For Each povameter 3 parameter Sparaneter 3 paran 2 paran

3. Higher - order functions improve the code readbability and receptibility in manness of reducing long coding for lead furthing in arrays.
Some operations
H' From above given examples and with their operations help to solve like marks total yet: