```
* var output = [];
  var count = [1];

function add ( ) {
output.push (count);
 count ++
 console.log (output);
}
```

```
# names = ["Mohit", "Kartik", "Utkarsh", "Devansh"];
   function whoWillPay(names) {
   var numberofPeople = names.length;
   var Position = Math.random (numberofPeople * 4);
   var Person = Math.floor (Position);
   var value = names [Person];
    return value + " is paying today";
 }
```

```
# var beers = 1;
   function beer (beers) {
   while (var beers <= 100) {
    console.log (beers + " beer");
    beers ++;
  }
```

Fibonacci series

0, 1, 1, 2, 3, 5, 8, 13

$a_1 = 0$

$a_2 = 1$

$a_3 = a_1 + a_2 = 1$

$a_4 = a_2 + a_3 = 2$

$a_5 = a_3 + a_4 = 3$

1	0
2	1
3	1
4	2
5	3
6	5

```
# function fiboracciseries (no of Terms) {
  var output = [ ];
  if (no of Terms == 1){
  output = [0];
  console.log (output);
  }
  else if (no of Terms == 2){
  output = [0, 1];
  console.log (output);
  }
  else {
  output = [0, 1];
  for (i = 2; i <= no of Terms; i++){
  output = output.push (output[i-1] + output[i-2]);
  }
  console.log (output);
  return series;
}
else {
output = [0, 1];
while (output.length <= no of Terms){
output = output.push [output [output.length-2] + output
[output.length-1]);
}
console.log (output);
```