

1. Print all flowers whose color is 'pink'

```
let list = [{flower:'Rose',color:'red'}, {flower:'Jinnia',color:'pink'},  
{flower:'Hibiscus',color:'pink'}]  
  
console.log(printAllPinkFlowers(list));//[ 'Jinnia', 'Hibiscus' ]
```

2. Sum all elements in the 2-dimensional array

```
console.log(sumElements([[10,2,30],[4,5],[40]]));//91  
  
console.log(sumElements([[4,1],[5,8,2],[9,2,8,1]]));//40
```

3. Implement 'substring' of string. *Dont use 'SUBSTRING' method*

Function takes 3 arguments, string, startIndex, endIndex. (End Index is optional)

```
console.log(substring("Javascript",0,4));//java  
  
//If end Index is not given,-> endIndex = string length  
console.log(substring("Javascript",4));//script  
  
//If end Index is > string length,-> endIndex = string length  
console.log(substring("Javascript",4,40));//script  
  
//If startIndex is greater than string length -> return empty string  
console.log(substring("Javascript",40));// (empty string)  
  
//If startIndex is less than 0 -> start from '0'  
console.log(substring("Javascript",-2));//Javascript  
  
console.log(substring("Javascript",0));//Javascript
```

4. Build the pattern below for given string

```
buildOctagon('Javascript')  
buildOctagon('apple')
```

