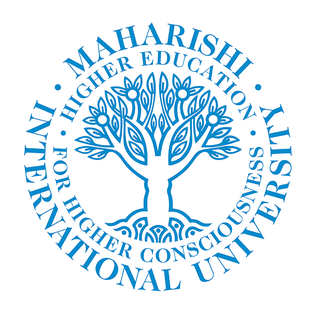
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**Maharishi International University***Computer Science Department*

**Title: Lab-5**

Submitted by:

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Submission date:

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**Use Array Methods: filter, map, reduce, etc to implement functions below:**

**1. Create a function using function declaration named sum with one parameter of Array type, the returned result is the sum of all elements which are greater than 20.**

**Solution:**

const arrays = [20,1,30,25,10,5,15];

            function sum(arrays){

                return arrays.filter(function(array){

                    return array > 20}).reduce(function(accum, array){

                    return accum + array;},0);

                }

            console.log(sum(arrays));

**2. Create a function using function expression named getNewArray with one parameter of String Array, return a new array which contains all string, length is greater than and equal to 5, and contains letter ‘a’.**

**Solution:**

            const strArr = ["apple","before", "angel","ant","Words","antlers"];

            const getNewArray = function (stArrs){

                return stArrs.filter(function(arr){

                    return arr.length >= 5 && arr.includes("a")

                })

            }

            console.log(getNewArray(strArr));

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