**Practice 1**

Aim: Accept three numbers from the user using prompt, find the greater of these the numbers and do the sum of that numbers which are greater than 40.

Flowcharts for finding greater among 3 Number:

{0} is greater, val1

**End**

**Start**

Declare Variable

const limit=40;

btnInpValue()

Get input from the user for val1, val2, val3

if

is number

true

false

if

val1 > val2

val1 > val3

Display Error Message

if

val2 > val3

false

{0} is greater, val3

{0} is greater, val2

true

false

true

Flowcharts for sum number greater than 40:

**Start**

Declare Variable

const limit=40; let sum = 0;

Display Error Message

false

true

if

is number

btnInpValue()

Get input from the user for val1, val2, val3

if

val1 > 40

if

val3 > 40

if

val2> 40

true

true

true

sum = sum + val3

sum = sum + val2

sum = sum + val1

{0} is sum, sum

**End**

Cases :

|  |  |  |  |
| --- | --- | --- | --- |
| Input | Expected Output | Actual Output | Status |
| val1 = “” val2 = “”  val3= “” | All the Input Fields are Required | All the Input Fields are Required | Passed |
| val1 = “” val2 =1  val3= “” | All the Input Fields are Required | All the Input Fields are Required | Passed |
| val1 = “” val2 = “”  val3= 2 | All the Input Fields are Required | All the Input Fields are Required | Passed |
| val1 = 1 val2 = “”  val3= “” | All the Input Fields are Required | All the Input Fields are Required | Passed |
| val1 = 1 val2 = 2  val3= “” | All the Input Fields are Required | All the Input Fields are Required | Passed |
| val1 = 1 val2 = 5  val3= 2 | Perform operation | Perform operation | Passed |
| val1 = “asd” val2 = 5  val3= 2 | Invalid Input Given | Invalid Input Given | Passed |
| val1 = “asd” val2 = “asd”  val3= 2 | Invalid Input Given | Invalid Input Given | Passed |
| val1 = “asd” val2 = “asd”  val3= “asd” | Invalid Input Given | Invalid Input Given | Passed |
| val1 = 1 val2 = “asd”  val3= “” | All the Input Fields are Required | All the Input Fields are Required | Passed |
| val1 = 1 val2 = “asd”  val3= 2 | Invalid Input Given | Invalid Input Given | Passed |

**Practice 2**

Aim: Declare array with 5 city names and iterate these values with the help of loop and display it with alert.

Flowcharts:

**START**

Declare Variable

const cityArray = []

printCityName()

alert city name

Initialize the value of 5 city in cityArray

If

i < cityArray.length

False

True

Initialize i as 0; var i = 0

End

"City Name - " {0} , cityArray[i]

**END**

i++

Increment i