**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:

**Start**

Declare Variable

const limit=40;

true

false

false

true

Display Error Message

**End**

{0} is greater, val2

{0} is greater, val1

{0} is greater, val3

{0} is greater, val3

if

val2 > val3

false

true

if

val1 > val3

if

val1 > val2

false

true

if

is number

btnInpValue()

Get input from the user for val1, val2, val3

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 |