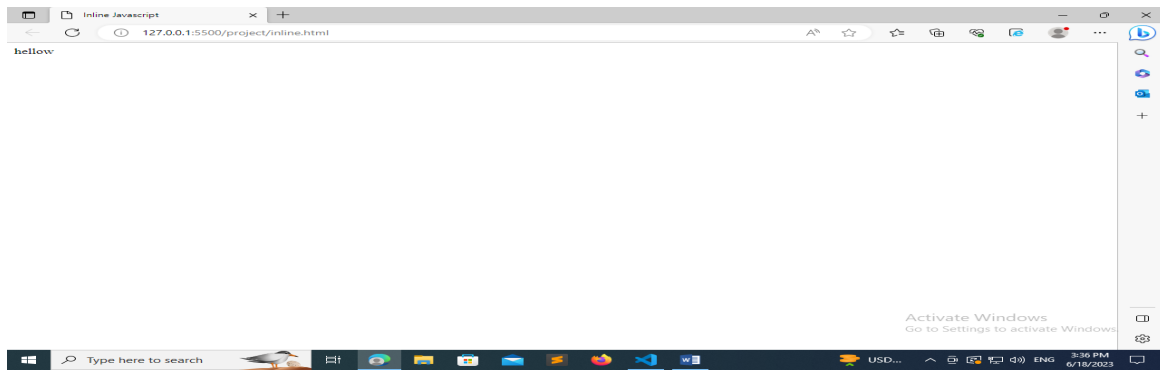
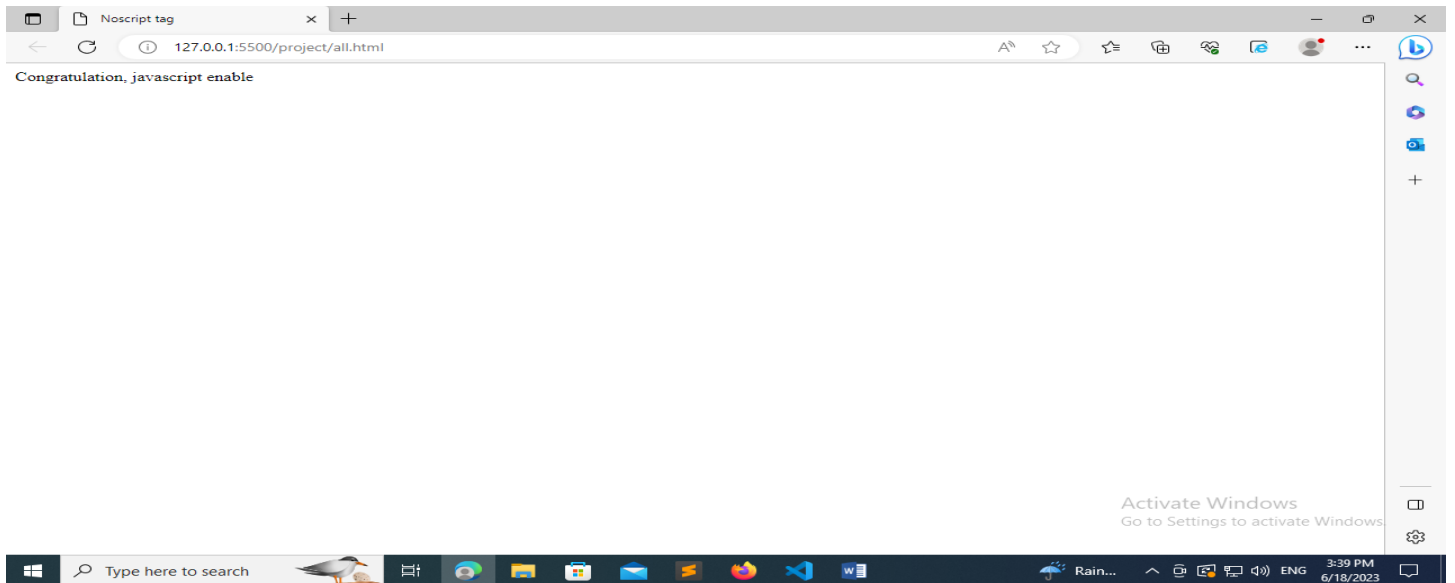


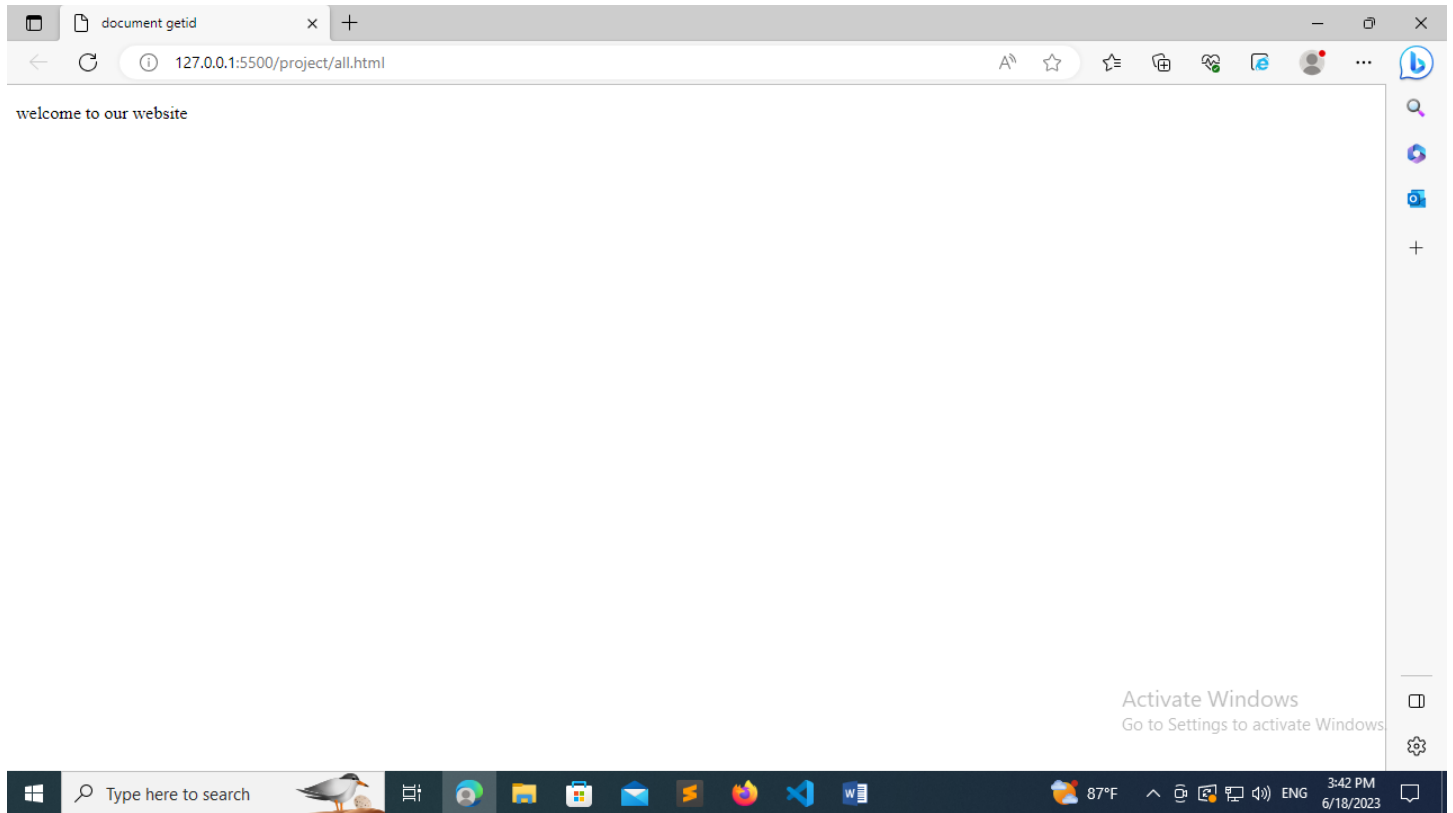
Inline Javascript Output



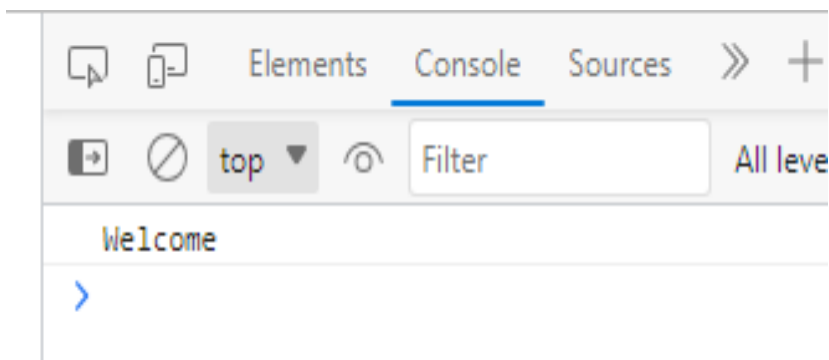
No _script Javascript



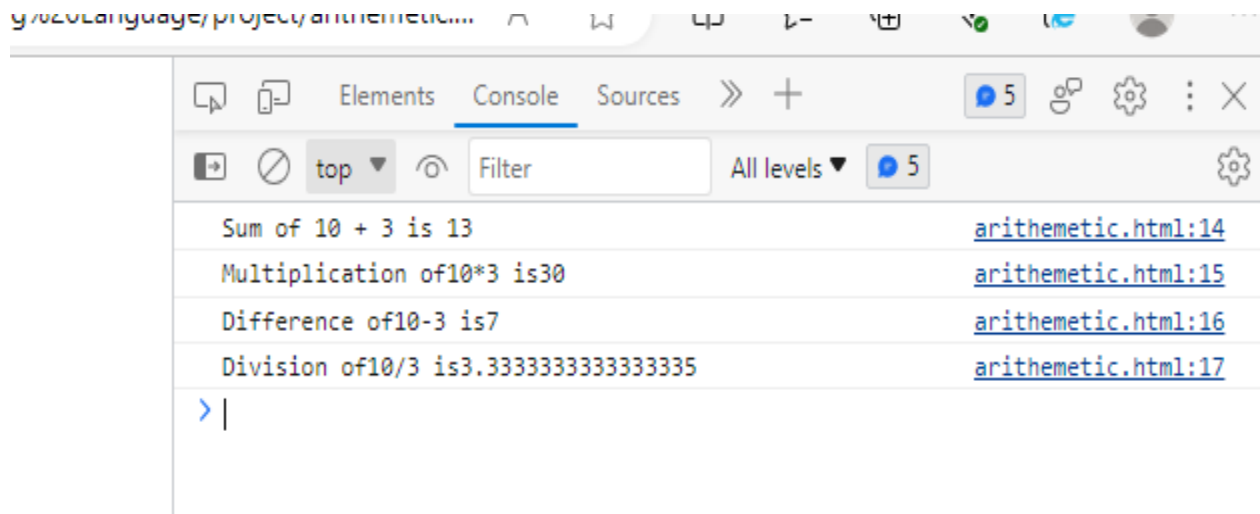
Document.getElementById



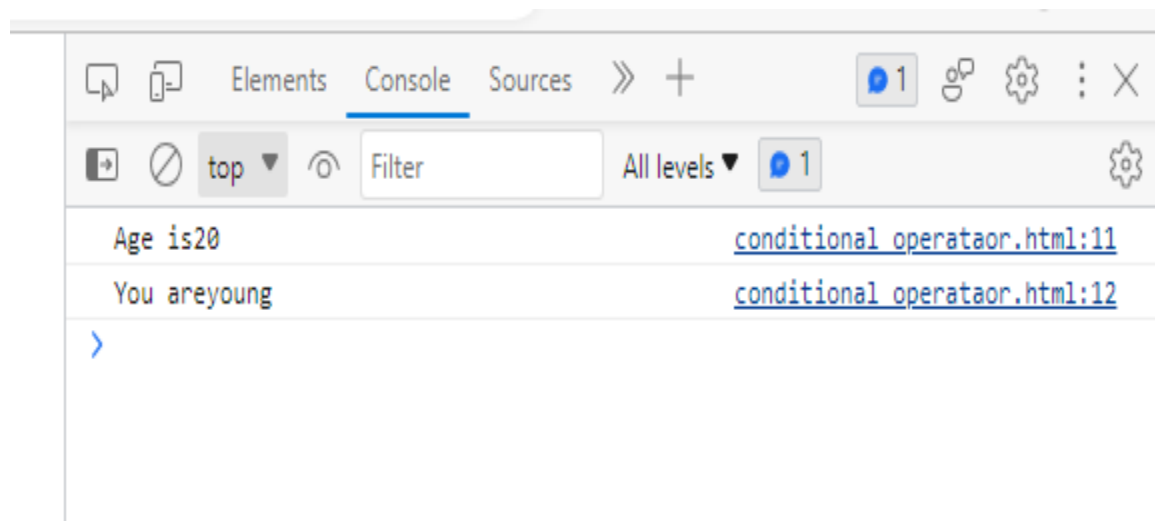
Console.log



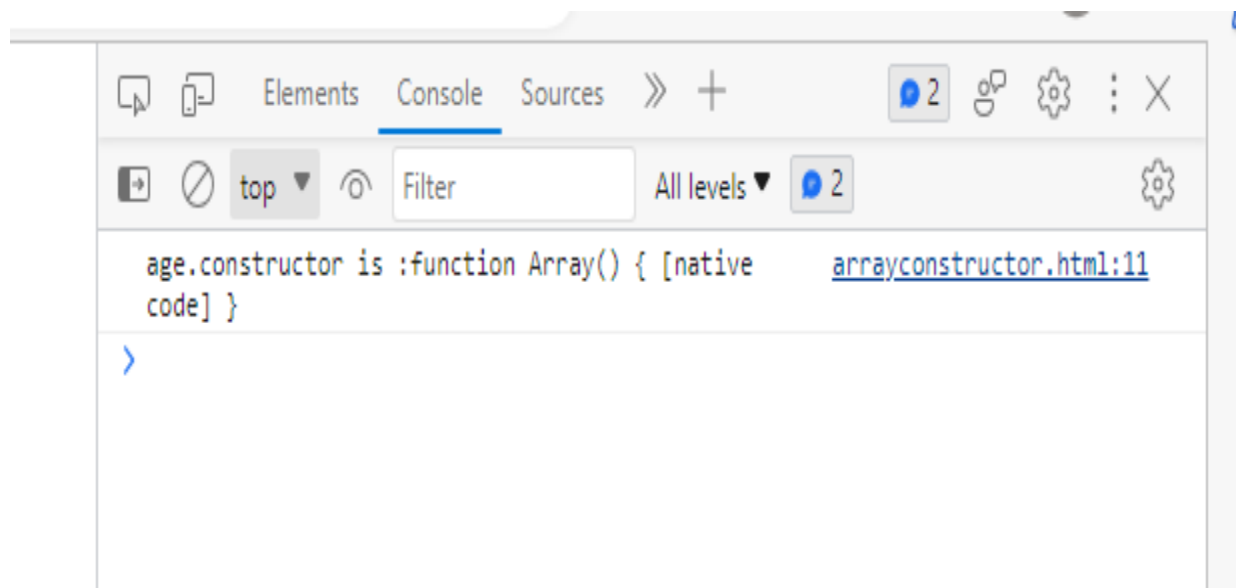
SUM, MUL, DIFF, DIV



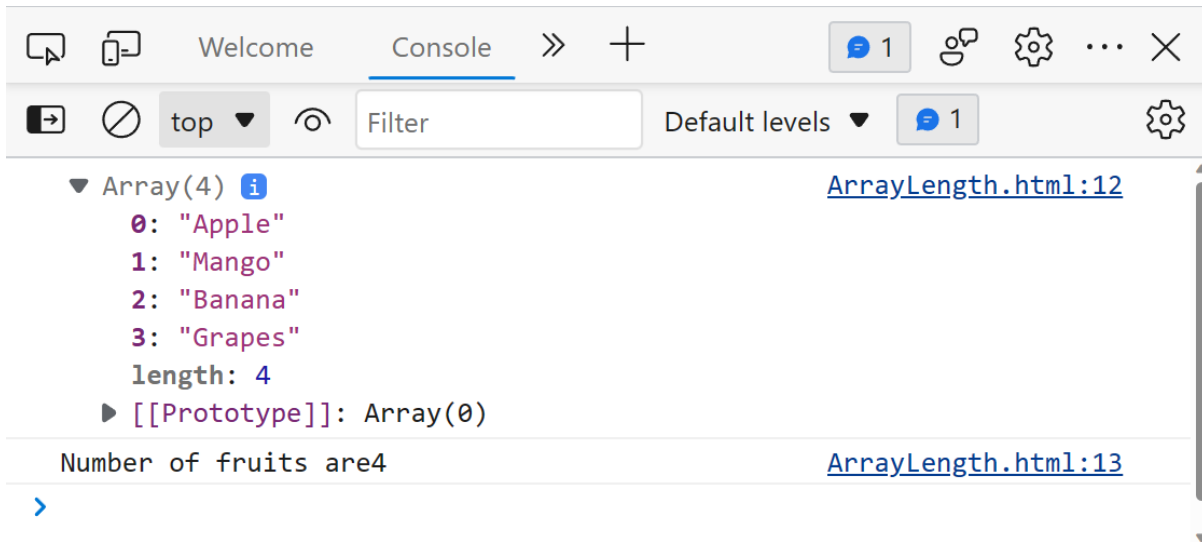
Foreach



Constructor



Array Length Property

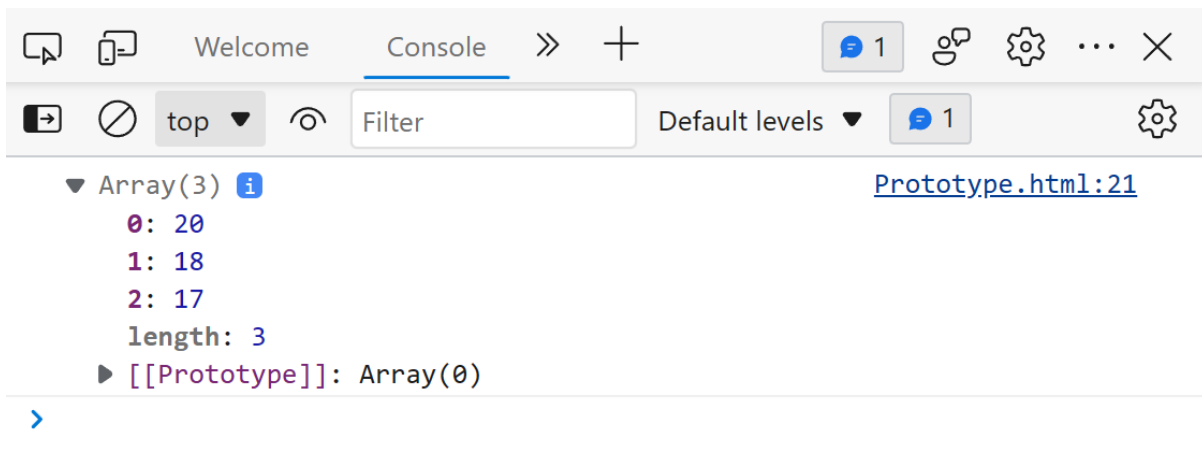


The screenshot shows a web browser's developer console with the 'Console' tab selected. The console displays the following output:

```
▼ Array(4) ⓘ ArrayLength.html:12  
  0: "Apple"  
  1: "Mango"  
  2: "Banana"  
  3: "Grapes"  
  length: 4  
  ▶ \[\[Prototype\]\]: Array(0)
```

Below the array object, the text "Number of fruits are4" is displayed, followed by a blue arrow pointing to the right. The source code location [ArrayLength.html:13](#) is shown on the right side of the console.

Array Prototype Constructor

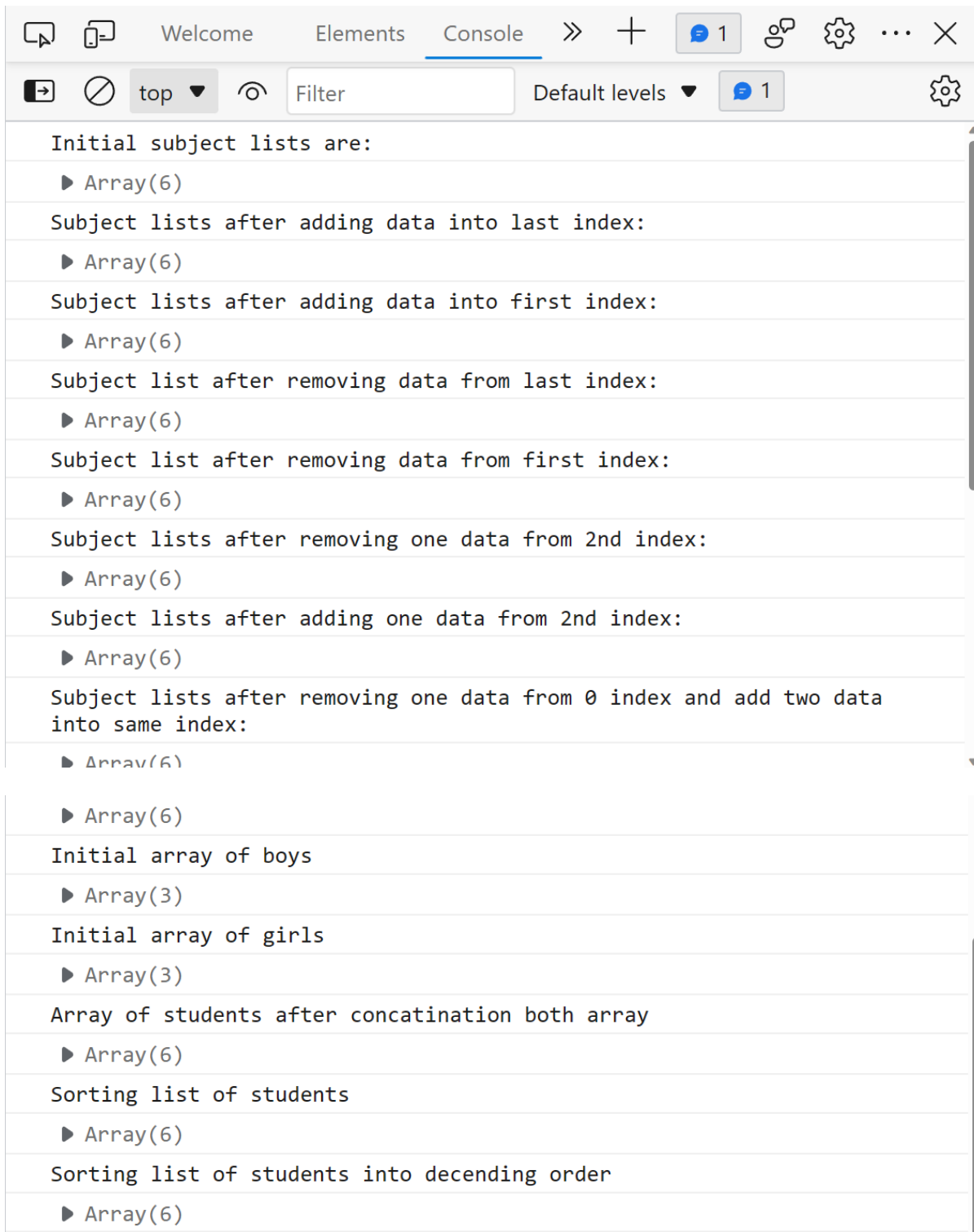


The screenshot shows a web browser's developer console with the 'Console' tab selected. The console displays the following output:

```
▼ Array(3) ⓘ Prototype.html:21  
  0: 20  
  1: 18  
  2: 17  
  length: 3  
  ▶ \[\[Prototype\]\]: Array(0)
```

Below the array object, a blue arrow pointing to the right is visible. The source code location [Prototype.html:21](#) is shown on the right side of the console.

Array Method

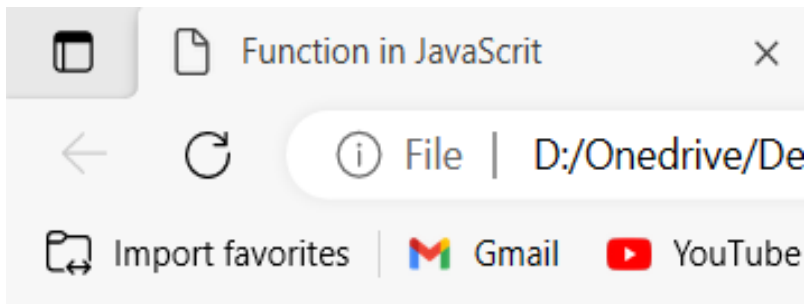


The screenshot displays a web browser's developer console with the 'Console' tab selected. The interface includes a toolbar at the top with icons for opening the console, copying, and other actions. Below the toolbar, there are tabs for 'Welcome', 'Elements', and 'Console'. The 'Console' tab shows a series of log entries, each starting with a description of an array operation followed by a truncated array representation 'Array(6)'. The operations include adding data to the last or first index, removing data from the last or first index, removing one data from the 2nd index, and adding one data from the 2nd index. The final section of the console shows the initial arrays for boys and girls, followed by their concatenation, sorting, and sorting in descending order. The console also features a 'Filter' input field, 'Default levels' dropdown, and a '1' icon for log level settings.

```
Initial subject lists are:
  ▶ Array(6)
Subject lists after adding data into last index:
  ▶ Array(6)
Subject lists after adding data into first index:
  ▶ Array(6)
Subject list after removing data from last index:
  ▶ Array(6)
Subject list after removing data from first index:
  ▶ Array(6)
Subject lists after removing one data from 2nd index:
  ▶ Array(6)
Subject lists after adding one data from 2nd index:
  ▶ Array(6)
Subject lists after removing one data from 0 index and add two data
into same index:
  ▶ Array(6)

  ▶ Array(6)
Initial array of boys
  ▶ Array(3)
Initial array of girls
  ▶ Array(3)
Array of students after concatination both array
  ▶ Array(6)
Sorting list of students
  ▶ Array(6)
Sorting list of students into decending order
  ▶ Array(6)
```

Function in JavaScript



Hello guest, Welcome to our website.

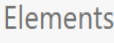
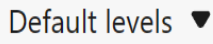
Hello Rabina, Welcome to our website,

Hello Rojan, Welcome to our website,

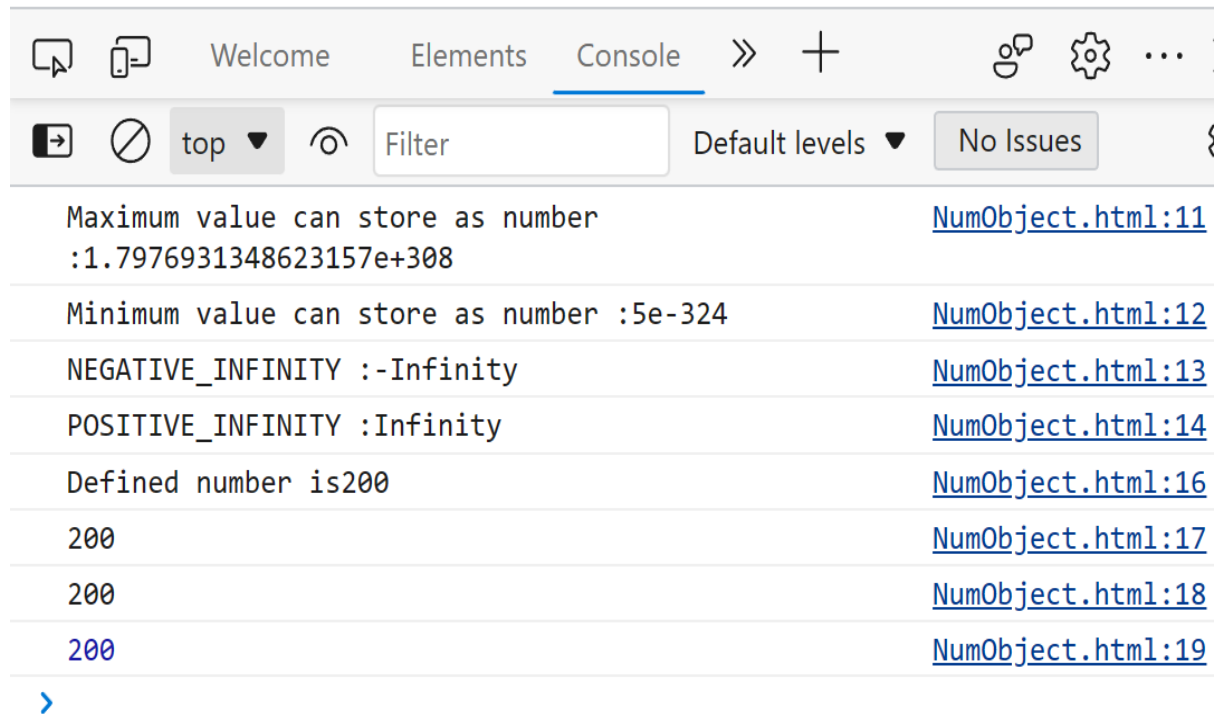
Sum of 20 and 58 is 78

Sum of 90 and 122 is 212

Object

  Welcome  Elements  Console    1    	
  top  Filter  Default levels  1 	
Create empty object: var rectangle {};	Object.html:11
Width: 20	Object.html:18
Height: 10	Object.html:19
Create object with data: var rectangle = {width: 20, height: 10};	Object.html:20
Width 20	Object.html:23
Height 10	Object.html:24
Width after modification: 30	Object.html:27
0	Object.html:36
255	Object.html:37
128	Object.html:38
Total area is 200	Object.html:39

a) Number Object

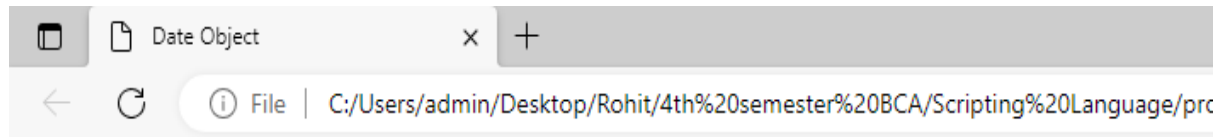


The screenshot shows a web browser's developer console with the 'Console' tab selected. The console displays a series of log messages related to the JavaScript Number object. The messages are as follows:

Message	Source
Maximum value can store as number :1.7976931348623157e+308	NumObject.html:11
Minimum value can store as number :5e-324	NumObject.html:12
NEGATIVE_INFINITY :-Infinity	NumObject.html:13
POSITIVE_INFINITY :Infinity	NumObject.html:14
Defined number is200	NumObject.html:16
200	NumObject.html:17
200	NumObject.html:18
200	NumObject.html:19

Below the logs, there is a blue right-pointing arrow icon.

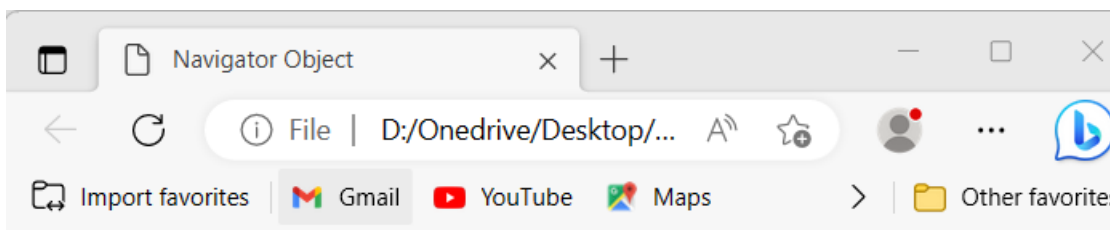
b) Date Object



Date Object

Tue Aug 01 2023 12:31:25 GMT+0545 (Nepal Time)2023 Aug 1 tue 12:31:25 AM

Browser Object Model (BOM)



javaEnabled isfalse

navigator.language isen-US

navigator.platform isWin32

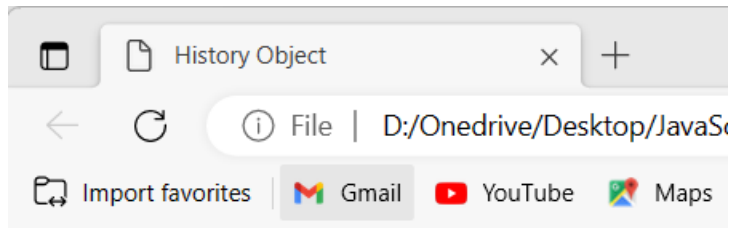
App version is5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/113.0.0.0 Safari/537.36 Edg/113.0.1774.42

User agent isMozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/113.0.0.0 Safari/537.36 Edg/113.0.1774.42

navigator.product isGecko

navigator.appCodeName isMozilla

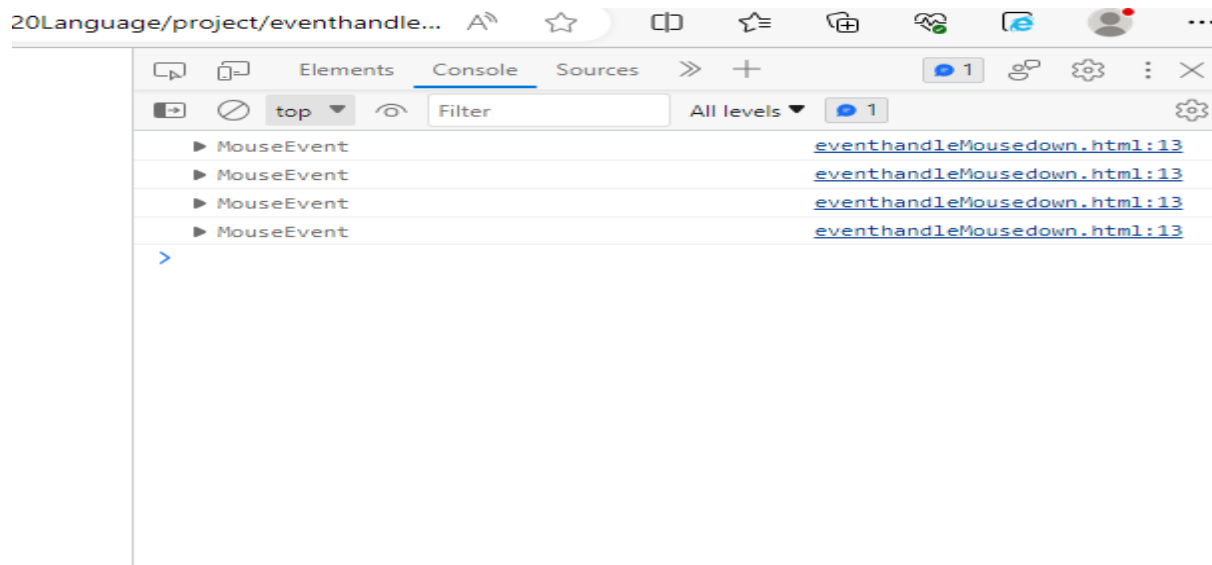
a) History Object



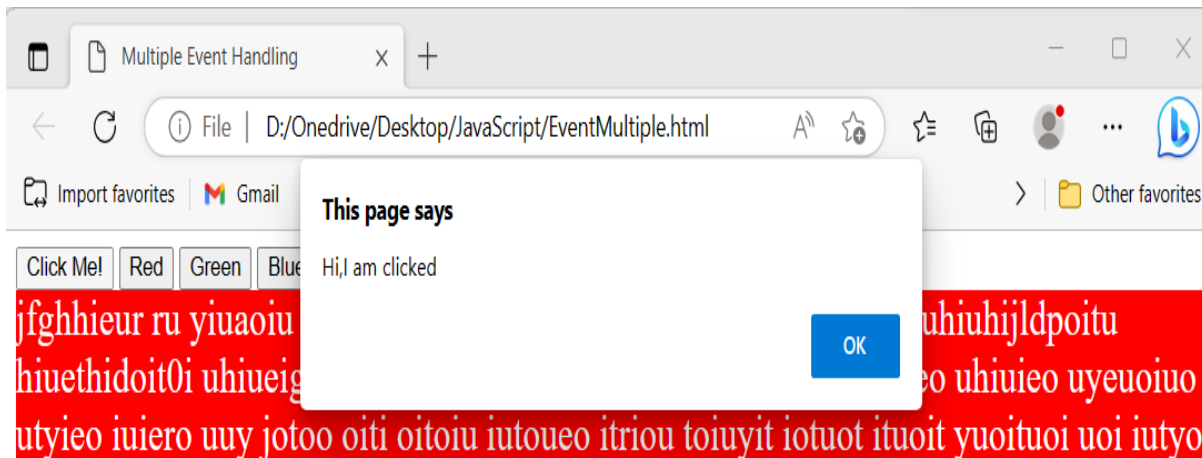
History length is 1

Event Handling

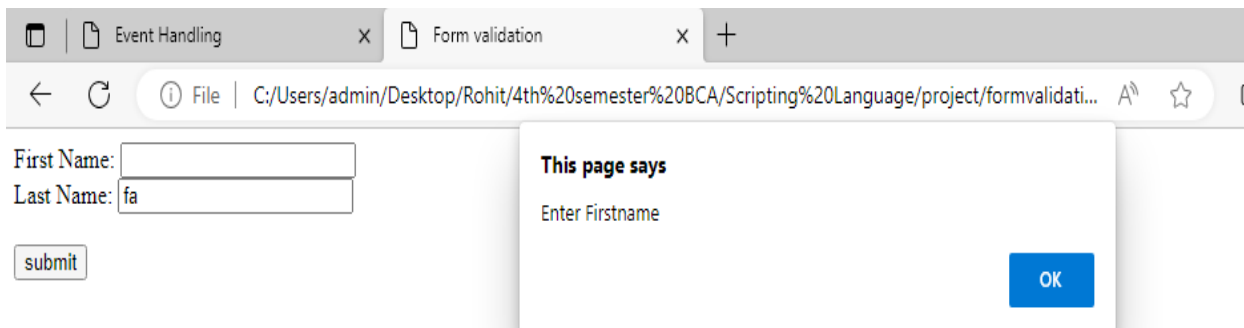
a) Event handling mouse down property



Multiple Event Handling



Validate Form



Form Validation



Form Validation Using JavaScript

Registration form

Name

Username

Password

Confirm Password

Phone

Email

DOB

Country

Select Country

Gender

☐ Male ☐ Female

Faculty

☐ BIM ☐ CSIT ☐ BSW

☐ I accept Term and Condition.

Signup

Clear Form