Application Exam:

Answer as many questions as you can:

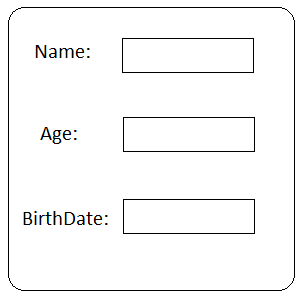
A. Java Script:

1. Write a java script program which inputs two number from the user and prints the bigger number. (use prompt, parseInt)
2. Write a java script program which inputs two number from the user and prints the result of dividing the first number with the second one. If the second number is zero print “division by zero is not allowed”. Also print the modulo result.
3. Write a java script program which inputs numbers from the user until a negative number is given. Print the sum of all the number which the user has entered
4. Write a java script program which inputs 10 numbers from the user. Store the numbers in an array. Sum the numbers and print the result

ב

B. HTML

1. Create the following form in HTML



* Make sure all input types are in the correct category (i.e. number, text etc.)
* Add a button which clicking it **prints** all the data the user has entered

1. Draw the following table:

|  |  |  |
| --- | --- | --- |
| **ID** | **Name** | **Ph.** |
| 1 | Danny | 059-2737491 |
| 2 | Viky | 059-2354483 |
| 3 | Ron | 059-3493828 |

**\*\*Challenge (not mandatory)**

Add input text for id, name, ph. And a button. Clicking the button should add a raw to the table containing the user input

C. Code

Question 1:

In front of you is a piece of code. Add buttons for: Subtraction, Multiply, Divide

**\*\*Challenge (not mandatory)**

Add power button , calculating power of the first number by the second one

|  |
| --- |
| <html> |
|  | <head> |
|  | <title>I Love HTML</title> |
|  | <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script> |
|  | </head> |
|  | <body> |
|  | <hr> |
|  | <p>a = <input type="number" id="ainput"/></p> |
|  | <p>b = <input type="number" id="binput"/></p> |
|  | <button onclick="add()">Add</button> <br> |
|  | </body> |
|  | <script> |
|  | function add() |
|  | { |
|  | var a = $('#ainput').val() // # is id , val brings me the text of the text-boxc |
|  | var b = $('#binput').val() |
|  | alert ( parseInt(a) + parseInt(b) ) |
|  | } |
|  | </script> |
|  | </html> |

**Question 2 \*\*Challenge (not mandatory)**

In the code in front of you, there is an error. Could you find it? And fix it?

|  |
| --- |
| <html> |
|  | <head> |
|  | <script src="https://code.jquery.com/jquery-3.2.1.min.js"></script> |
|  | </head> |
|  | <body> |
|  | <p>ID: <input type="number" id="idnumber"/></p> |
|  | <p>NAME: <input type="text" id="idtxt"/></p> |
|  | <button onclick="add()">Click Me!</button> |
|  | <hr> |
|  | <table border="1"> |
|  | <tr style="background: cornflowerblue"> |
|  | <th>ID</th> |
|  | <th>NAME</th> |
|  | </tr> |
|  | <tbody id="body1"> |
|  |  |
|  | <tr> |
|  | <td>1</td> |
|  | <td>Itay</td> |
|  | </tr> |
|  | <tr> |
|  | <td>2</td> |
|  | <td>Danna</td> |
|  | </tr> |
|  |  |
|  | </tbody> |
|  | </table> |
|  |  |
|  | <script> |
|  | function Person(\_id, \_name) { |
|  | this.id = \_id |
|  | this.name = \_name |
|  | } |
|  | var id = $("#idnumber").val() |
|  | var name = $("#idtxt").val() |
|  | function add() { |
|  | var p = new Person(id, name) |
|  | console.log(p) |
|  | addRow(p) |
|  | } |
|  | function addRow(p) { |
|  | $("#body1").append(`<tr><td>${p.id}</td><td>${p.name}</td></tr>`) |
|  | } |
|  | </script |
|  | </body> |
|  | </html> |