**LAB NO.4**

**Tasks:**

Qn1: Make a Calculator! using prompt(), and variables, make a program that does the following:

* Prompts the user for first number.
* Stores that first number
* Prompts the user for the second number
* Asks which operation does it want to perform (+,-,/,\*,++,--,%)
* Stores that result and responds with the calculated value by using an alert.

Text

Description automatically generated

Graphical user interface

Description automatically generated with low confidence A picture containing rectangle

Description automatically generated

Graphical user interface, application

Description automatically generated with medium confidence

Background pattern

Description automatically generated with low confidence

Qn2: using this array var array **= ["Banana", "Apples", "Oranges", "Blueberries"];**

* Remove the Banana from the array.
* Sort the array in order.
* Put "Kiwi" at the end of the array.
* Remove "Apples" from the array.
* Sort the array in reverse order. (Not alphabetical, but reverse// the current Array i.e. ['a', 'c', 'b'] becomes ['b', 'c', 'a'])

Text

Description automatically generated

Qn3: Alarm ringing !

* Suppose by default there is a prompt saying “ Alarm is ringing”. Press ‘S’ to snooze and ‘D’ to dismiss
* If user selects ‘D’, program will be dismissed with a prompt “Good Morning”
* If user select ‘S’ , the program “ Alarm is ringing”. Press ‘S’ to snooze and ‘D’ to dismiss will rerun and again the prompt will be (repeat from step I)
* upon entering wrong input program will prompt “wrong input” and program ends.

Graphical user interface, text

Description automatically generated

Table

Description automatically generated with medium confidence Background pattern

Description automatically generated with low confidence

Qn4: Create an object and an array which we will use in our facebook exercise.

* Create an object that has properties "username" and "password". Fill those values in with strings.
* Create an array which contains the object you have made above and name the array "database".
* Create an array called "newsfeed" which contains 3 objects with properties "username" and "timeline”.

Table

Description automatically generated with low confidence

Output:

Table

Description automatically generated with low confidence