

- 1- Declare a variable with name password and value is (p@\$\$) Write a while loop that keeps prompting the user for a password until they enter the correct one.
- 2- Use a for loop to calculate the sum of all even numbers between 1 and 100.
- 3- Create function  
User will enter first number Then enter an operation (sum ,multi ,subtract ,division) as string Then enter second number Then do the operation and show the result to user
- 4- Create function User will enter his Username , Password If username = "admin" and password = "421\$\$" Show him message "Welcome login success"  
If he entered incorrect username or password  
Throw an error to tell him which data entered wrong using try & catch & Throw
- 5- write a JavaScript function where the user has to guess a number generated by a program.  
Ask the user to enter number between 0 and 9  
Crate a function to generate a random number between 0 and 9  
If the user enter a correct number show, You guessed the correct number.
- 6- Show prompt that ask user to enter his birth date and tell user to enter the date in the following format (DD – MM – YYYY) ex. 22–01–1999, and then create function that take user input as a parameter and ensure that the string is entered in this format (that user entered string is 10 characters and contains (-) after the second character and after fifth character  
If the user input was correct: make the function create new date object, and initialize it with Day, Month, year values (using date constructor: Date(y,m,d)) and then show alert to the user with the date in date string format.  
If user input wasn't correct, show alert saying "Wong Date Format".
- 7- Make a function that takes date string as a parameter, and returns the Day name (Saturday, Sunday,...) of the given date.
- 8- Ask the user to enter a string  
Count the number of vowels in that string (a,e,o,u,i)  
⇒ Example a = 2 , e= 1, o=1, u=0, i=3