## Assignment 3

\* Title: Perform validations using Javascript/Javery.

\* Problem Statement:

Perform volidations using JavaScript/Javery on

the application of virtual hab and online

assessment.

\* Objective:

To understand in depth working of Javascript/and
Javascript and use them to provide validations
to the web application.

\* 5/w and H/w requirements:

i) Apache Tomat Server (8.5.24) v) Text Editor (USCode)

ii) Linux 05 (64 bit)

iii) Keyboard, Mouse, Processor, Monitor

is) Web browser (chome)

\* Theory:

\* Verification:

programs: It is a static testing.

It confirms whether or not a certain upon is who, what tre/she claims to be.

\* Validation:

It includes testing and validating the actual data.

It checks for any errors / bugs which

may occur due to false or wrong data being entered by the user. It is generally done before verification. eq. If the user enters his name in the field of phone number. It includes common checks like email, passwords phone number, name validations, etc. Jauery \* Java Script It is an interpreted long. 1) It is a light weight written in C and a JavaScript Library that combination of ECMA script and only has the DOM. 2) It is verbose. 3 It is more concise. 3) An individual has to write 3) An individual has to write fewer lines of code. long lines of code. (1) As it is a library, As it is a language, it is heavier than Javery. It is light weight. (5) It is dependent on (3) It can exist on its Java Script. own. External JavaScript \* Internal Javascript 1 Including JavaScript code (1) Mouring a separate · js file with J5 in it. in (script) --- </script) in an HTML file. 2) Easily readable code. 2) Less readable code. 3) Maintenance 13 enhanced 3) Maintenance is poor os as code is split into code is in one file. multiple modules. Better performance. Poor performance.

*	Java	JavaScript
1	Java is a strongly	1) It is a weakly typed
	typed language.	language and has a more
	0.	relaxed Syntax.
(2)	It is an OOP long.	3) It is an object based
		scripting language.
		3) It requires less memory.
4	It uses a thread	1) It used 5 event based
		approach to consurency.
	concurrency.	
(3)	It is mainly used for	(3) It is mainly used for
	developing enterprise applins.	developing web applins.
*	In this assignment,	have performed validations
	On the Kegulagin Page	and Update Profile page.
	I have used reg	ular expressions for the
	journo.	
	I have applied validations to togin form	
	Tieras une Name, Email, password and	
	contact no.	
¥		
*	Conclusion:	
	from this assignment, I was able to understand the basics of Javascript, difference between Internal and External J5 and hence	
	The bornes of Javascript, difference between	
	Internal and texternal J5 and hence	
	1 variations on the	
	registration and upda	ate profile area