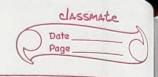
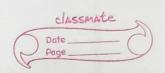


100	Chapter 6 - Java Script in the browser
	JavaScript was initially created to make web pages alive. Is can be written right in a web page's HTML to make it interactive
	The browser has an embedded engine salled the Javascript engine or the Javascript runtime.
r	JavaScript's ability in the prowser is very limited to protect the user's Safety for example a webpage on http://goofk.com/Cannot/Access http:// Codeswear.com/And steal information from there
	and steal information from there
N.	Developer tools Every browser has some developer tools which makes a developer's life a lot easier.
	a developer's life a lot easier.
	To do to to to to
	All the errors + logs
All ~ HTML Elements	FIZ on chrome opens Dev tools All the errors + logs Elements Console Network requests
	1 500 - 60 - 60 - 60 - 60 - 60 - 60 - 60
	We can also write JavaScript Commands in the Console
	The script tag is used to insert Java Script into an HTML page



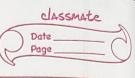
The script tag can be used to insert externer or internal scripts 2 Script > alert (" Hello") < Script Src = " / Is/thisone 15" > < 15 wipt > The benefit of a separate javascript file is that the browser will download it and store it its cache Console object methods
The console object has several methods, log being one of them. Some of them are as follows: assert () -> used to assert a condition clear () -> clears the console log () -> outputs a message to the Console table () - Displays a fabrilar data Used for warnings error () -> used for errors info() -> Used for special information You will naturally remember some or all of these with time Comprehensive list can be looked up on MDN



Interaction: alert, prompt and confirm alert: Used to invoke a mini window with a mg alert ("hello") prompt: used to take user input as string inp = prompt ("Hi", "No")

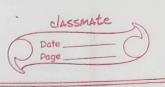
Deptional default

value Confirm: Shows a message and waits for the user to press ok or cancel. Returns true for ok and false for cancel. The exact location & look is determined by the prowser which is a limitation Window object, BOM & DOM
We have the following when Java Script runs in a
browser Dom Bom Javascript Core Window object represents prowser window and provides nethods to control it It is a global object



Downerst Object Model (DOM) Dom represents the page content as HTML document body -> Page body as Is object document body 5tyle background = "green"
Lis Changes page background to green Browser Object Model (BOM)
The Browser Object Model (BOM) represents additional objects provided by the browser (host environment)
for working with everything except the document. The functions alert/confirm/prompt are also a part of the BOM ocation here = "https://codewithhoury.com"

Redirect to another URL



Chapter 6 - Practice Set

1 Write a program using prompt function to take input of age as a value from the user and use alert to tell him if he can drive!

2 In Q1 use confirm to ask the user if he wants to see the prompt again

In the previous question use console error to log the error if the age entered is negative

Write a program to change the url to google Com (Redirection) if user enters a number greater than to

5 Change the background of the page to xellow, red or any other Color based on user input through prompt.