Trainer Notes

.Net
Week 1 - Day 4 & 5
(WNWD04 & 05)

Table of contents

Session Details

Duration: 6 hours

Time Division:

	Day 4	
	Tasks	**Duration**
1	Objective of the day	5 min
2	Starter brainstorming	15 min
3	● A Quick Review ● Statements	2 hrs
4	● JavaScript - Loops ● The break Statement- The Continue Statement	2 hrs
5	● Functions ● The return Statement	1.5 hrs
6	● Recap of Day 4	10 min
	Day 5	
	Tasks	**Duration**
1	Objective of the day	5 min
2	Starter brainstorming	15 min
3	● Data Types ● JavaScript Booleans-JavaScript Arrays-JavaScript Objects	2 hrs
4	● Undefined ● Operators	2 hrs
5	● Errors & Exceptions Handling ● The Throw Statement ● The onerror() Method	1.5 hrs
6	● Homework	10 min

Learning Objectives

By the end of this session, the students will have reinforced to further developed an understanding of:

- Functions
- Data Types
- Operators and Arithmetic Operations
- Error Handling

Recap

(15 -20 min)
- The trainer will ask the students about any ambiguities (if any) they have related to the previous lesson.
- If there will be any, the trainer will explain them as much as required.
- Then the trainer will share today's learning objectives with the students and begin the day.

Javascript (Reinforcement)

- As this week will be focused on the quick revision of HTML and Javascript, the trainer will quickly touch upon all the important concepts.
- To keep the students engaged in hands-on activities and practice, the activities will be conducted in the following manner:
  - Step 1: The trainer will first ask the students questions about the definition of the concepts shown on the slides. Then, after taking some random responses from the students, they will share a brief explanation of the concept given on the slide(s). The trainer will make sure and make a class rule that every time the trainer will ask a question a new student will respond instead of taking answers from some particular active and efficient students only.
  - Step 2: The trainer will demonstrate the code on their computer.
  - Step 3: The students will follow the trainer and practice writing the same code on thier computers or the trainer could give them another code from the examples given on the slides to write and practice.
  - Step 4: The trainer will sum up a topic by reiterating important points from the topic before moving on to the next one.

Flexibility for the Trainer

- To provide a little flexibility to the trainer, instead of strictly dividing the topics into days. But all these topics are to be covered on days 4 and 5.
- There is **homework** at the end of the slides. The trainer will explain the homework to the students.

Support links for Trainer

1. JavaScript Examples: https://www.w3schools.com/js/js_examples.asp
2. JavaScript Exercises: https://www.w3schools.com/js/exercise_js.asp?filename=exercise_js_variables3
3. JavaScript tutorials:
   a. https://www.geeksforgeeks.org/javascript-statements/?ref=lbp
   b. https://www.tutorialspoint.com/javascript/javascript_switch_case.htm
   c. https://www.javatpoint.com/javascript-if
4. Slides:

- https://www.slideshare.net/WebStackAcademy/javascript-chapter-4-types-and-statements?qid=8cd4acc0-ea12-49dd-bf84-b3e2eb7961dd&v=&b=&from_search=10
- https://www.slideshare.net/WalidAshraf2/introduction-to-javascript-80379809
- https://www.slideshare.net/shreesenthil/javascript-basics-231170103