January Training Schedule 2021
(GIT/HTML / JavaScript / PHP/.Net)

Day 1: Induction	Duration	4th January
Induction by Jayasree	11-12:30 p.m.	
Overview of Dot Net and HTML / CSS/JS by Vipul and Pritee	3-3:30 p.m.	
Overview of PHP by Chirag and Akhilesh	3:30-4 p.m.	
Overview of PHP by Harish	4:30-5:00 p.m.	
Day 2: Session by Chirag Nandaniya		**5th January**
Practice session	9:30-1:00 p.m.	
Jing, editors, MySQL Bench installation and Overview of GIT environment, purpose, how it works and how to setup into device.	3-3:30 p.m.	**Meeting**
Practice Session:	Rest of the day	
Day 3: Session by Chirag Nandaniya		**6th January**
Practice session of previous day	9:30-1:00 p.m.	
Repeat the setup again and explanation of the basic commands.	3-3:30 p.m.	**Meeting**
Q & A session	5-6 p.m.	**Meeting**
Practice Session	Rest of the day	
Day 4: Session by Chirag Nandaniya		**7th January**
Practice session of previous day	9:30-1:00 p.m.	
Explanation of the commands and resolve the existing issues.	3-3:30 p.m.	**Meeting**
Q & A session	5-6 p.m.	**Meeting**
Practice Session	Rest of the day	
Day 5: HTML & JavaScript by Pritee Maheta		**8th January**
JavaScript Tutorial Videos	9:30-1 p.m.	Learn and Practice from videos. Link will be shared
1. Section Intro	0:54	
3. Let's start coding!	5:50	
4. A Brief Introduction to JavaScript	4:39	
5. Variables and Data Types	13:08	
6. Variable Mutation and Type Coercion	11:44	
7. Basic Operators	8:31	
8. Operator Precedence	14:25	
HTML & CSS Power point presentation	2-3 p.m.	**Meeting**
Q & A session	5-6 p.m.	**Meeting**
Practice Session: HTML & JavaScript	Rest of the day	GITHUB submission before day ends
Day 6: HTML & JavaScript by Pritee Maheta		**11th January**
JavaScript Tutorial Videos	9:30-1 p.m.	Learn and Practice from videos. Link will be shared
1. If else Statements	8:38	
2. Boolean Logic	9:52	
3. The Ternary Operator and Switch Statements	13:03	
4. Truthy and Falsy Values and Equality Operators	8:03	
5. Functions	11:24	
6. Function Statements and Expressions	10:07	
7. Arrays	12:36	

HTML tags Power point presentation	2-3 p.m.	**Meeting**
Q & A session	5-6 p.m.	**Meeting**
Practice Session	Rest of the day	GITHUB submission before day ends
Day 7: HTML & JavaScript by Pritee Maheta		**12th January**
JavaScript Tutorial Videos	9:30-1 p.m.	Learn and Practice from videos. Link will be shared
1. Section Intro	0:54	
2. How Our Code Is Executed JavaScript Parsers and Engines	2:51	
3. Execution Contexts and the Execution Stack	6:04	
4. Execution Contexts in Detail Creation and Execution Phases and Hoisting	4.25	
5.Hoisting phases	12.33	
6. Scoping and the Scope Chain	13:11	
7. The 'this' Keyword	2:22	
8. The 'this' Keyword in Practice	11:24	
9. Objects and Properties	8:57	
10. Objects and Methods	7:13	
11. Loops and Iteration	21:26	
12. JavaScript Versions ES5, ES6 ES2015 and ES6+	6:07	
HTML Table Power point presentation	2-3 p.m.	**Meeting**
Q & A session	5-6 p.m.	**Meeting**
Practice Session	Rest of the day	GITHUB submission before day ends
Day 8: HTML / JavaScript by Pritee Maheta		**13th January**
JavaScript Tutorial Videos	9:30-1 p.m.	Learn and Practice from videos. Link will be shared
1. Section Intro	0:46	
2. The DOM and DOM Manipulation	2:14	
3. 5-Minute HTML and CSS Crash Course	5:44	
4. Project Setup and Details	4:39	
5. First DOM Access and Manipulation	19:56	
6. Events and Event Handling Rolling the Dice	17:39	
HTML Forms Power point presentation	2-3 p.m.	**Meeting**
Q & A session	5-6 p.m.	**Meeting**
Practice Session	Rest of the day	GITHUB submission before day ends
Day 9: JavaScript by Pritee Maheta		**15th January**
JavaScript Tutorial Videos	9:30-1 p.m.	Learn and Practice from videos. Link will be shared
1. Section Intro	0:58	
2. Everything Is an Object Inheritance and the Prototype Chain	10:25	
3. Creating Objects Function Constructors	14.26	
4. The Prototype Chain in the Console	8.44	
5. Creating Objects Object.	6:45	
6. Primitives vs. Objects	8.45	
7. First Class Functions Passing Functions as Arguments	15:23	
HTML Overview Power point presentation	2-3 p.m.	**Meeting**
Q & A session	5-6 p.m.	**Meeting**

Practice Session	Rest of the day	GITHUB submission before day ends
Day 10: JavaScript by Pritee Maheta		**16th January**
JavaScript Tutorial Videos	9:30-1 p.m.	Learn and Practice from videos. Link will be shared
1. First Class Functions Returning Functions	8:49	
2. Immediately Invoked Function Expressions (IIFE)	6:46	
3. Closures	17:24	
4. Bind, Call and Apply	17:08	
5. Section Intro	0:52	
6. What's new in ES6 ES2015	1:47	
7. Variable Declarations with let and const	16:44	
8. Blocks and IIFEs	3:54	
9. Strings in ES6 ES2015	10:21	
Q & A session	5-6 p.m.	**Meeting**
Practice Session	Rest of the day	GITHUB submission before day ends
Day 11: JavaScript by Pritee Maheta		**18th January**
JavaScript Tutorial Videos	9:30-1 p.m.	Learn and Practice from videos. Link will be shared
1. Arrow Functions Basics	8:22	10-11:10 a.m.
2. Arrow Functions Lexical 'this' Keyword	19:34	
3. Destructuring	8:04	
4. Arrays in ES6 ES2015	17:52	
Q & A session	5-6 p.m.	**Meeting**
Practice Session	Rest of the day	GITHUB submission before day ends
Day 12: JavaScript by Pritee Maheta		**19th January**
JavaScript Tutorial Videos	9:30-1 p.m.	Learn and Practice from videos. Link will be shared
1. Classes	10:01	10-10.30 a.m.
2. Classes with Subclasses	16:12	
Q & A session	5-6 p.m.	**Meeting**
Practice Session	Rest of the day	GITHUB submission before day ends
Day 13: Supervised by Pritee Maheta		**20th January**
Practice (GIT/HTML/JS)	Throughout the day	GITHUB submission before day ends
Q & A session	5-6 p.m.	**Meeting**
Day 14: Evaluation		**21st January**
Evaluation (Practical Test)		10 a.m. onwards
Day 15: PHP by Akhilesh Patel		**22nd January**
06. The phpinfo Function.mp4	5:00	Learn and Practice from videos in the morning. Link will be shared
07. The php.ini File.mp4	6:06	
08. Indentation.mp4	4:52	
09. echo.mp4	4:08	
10. print.mp4	2:18	

11. Output HTML Using echo_print.mp4	5:24	
12. Embedding PHP Inside HTML.mp4	3:47	
13. comments.mp4	3:54	
14. Error Reporting.mp4	5:32	
15. More on Error Reporting.mp4	5:27	
16. Variables.mp4	4:55	
17. Concatenation.mp4	6:22	
18. if _ if else Statement.mp4	5:06	
19. if _ else if Statement.mp4	3:44	
20. Assignment Operators.mp4	5:22	
21. Comparison Operators.mp4	8:21	
22. Arithmetic Operators.mp4	9:06	
23. Logical Operators.mp4	9:46	
24. Triple Equals.mp4	4:23	
25. while Loop.m.p4	4:59	
26. do while Loop.m.p4	3:03	
27. for Loop.m.p4	3:32	
28. switch Statement.mp4	7:08	
Q & A session	5-6 p.m.	**Meeting**
Practice Session	Throughout the day	GITHUB submission before day ends
Day 16: PHP by Akhilesh Patel		**25th January**
29. die and exit Functions.mp4	5:39	Learn and Practice from videos in the morning. Link will be shared
30. Expression Matching.mp4	4:40	
31. Basic Functions.mp4	4:12	
32. Functions with Arguments.mp4	6:15	
33. Functions with a Return Value.mp4	6:47	
34. Global Variables and Functions.mp4	5:38	
35. String Functions Part 1.mp4	6:05	
36. String Functions Part 2.mp4	6:04	
37. String Functions Part 3.mp4	6:03	
38. String Functions Part 4.mp4	7:29	
Q & A session	5-6 p.m.	**Meeting**
Practice Session	Throughout the day	GITHUB submission before day ends
Day 17: PHP by Akhilesh Patel		**27th January**
39. Introduction to Arrays.mp4	6:46	Learn and Practice from videos in the morning. Link will be shared
40. Associative Arrays.mp4	4:42	
41. Multi-dimensional Arrays.mp4	5:57	
42. for each Statement.mp4	5:26	
43. include and require Functions.mp4	9:56	
44. include_once and require_once.mp4	4:36	
45. More on Expression Matching.mp4	4:46	
46. String Functions- String Length.mp4	5:08	

47. String Functions- Upper _ Lower Case Conversion.mp4	9:25	
48. String Functions- String Position Part 1.mp4	6:14	
49. String Functions- String Position Part 2.mp4	5:05	
50. String Functions- Replacing Part of a String.mp4	6:26	
51. String Functions- Replacing Predefined Part of a String.mp4	7:18	
Q & A session	5-6 p.m.	**Meeting**
Practice Session	Throughout the day	GITHUB submission before day ends
Day 18: PHP by Akhilesh Patel		**28th January**
52. Word Censoring Part 1.mp4	5:32	Learn and Practice from videos in the morning. Link will be shared
53. Word Censoring Part 2.mp4	4:38	
54. Creating a Find and Replace Application Part 1.mp4	7:29	
55. Creating a Find and Replace Application Part 2.mp4	7:17	
56. Creating a Find and Replace Application Part 3.mp4	6:20	
57. Creating a Find and Replace Application Part 4.mp4	1:58	
58. timestamps.mp4	6:55	
59. Modifying timestamps.mp4	8:54	
60. Random Number Generation.mp4	6:50	
61. $_SERVER Variables- Script Name.mp4	8:16	
62. $_SERVER Variables- Host Name.mp4	4:25	
63. Using the Header to Force Page Redirect.mp4	6:28	
64. ob_start.mp4	5:00	
65. Getting Visitors IP Address.mp4	6:40	
66. Better Way to Get Visitors IP Address.mp4	5:30	
67. Detecting a Visitors Browser Part 1.mp4	6:35	
68. Detecting a Visitors Browser Part 2.mp4	5:06	
69. Working with $_GET Variables.mp4	6:27	
70. Working with $_POST Variables.mp4	8:13	
71. Working with Form Data.mp4	6:28	
Q & A session	5-6 p.m.	**Meeting**
Practice Session	Throughout the day	GITHUB submission before day ends
Day 19: PHP by Akhilesh Patel		**29th January**
72. Using htmlentities for Security.mp4	5:43	Learn and Practice from videos in the morning. Link will be shared
73. Setting PHP Sessions.mp4	7:43	
74. Unsetting PHP Sessions.mp4	5:24	
75. Creating Cookies with PHP.m.p4	7:40	
76. Deleting Cookies with PHP.m.p4	2:43	
77. File Handling- Writing to a File.mp4	6:55	
78. File Handling- Reading a File.mp4	8:50	
79. File Handling- Appending a File.mp4	6:58	
80. The explode Function with File Handling Example.mp4	6:59	
81. The implode Function with File Handling Example.mp4	2:55	
82. File Handling- Listing Files Part 1.mp4	5:29	

83. File Handling- Listing Files Part 2.mp4	4:52	
84. File Handling- Checking if a File Exists.mp4	6:51	
85. File Handling- Deleting and Renaming Files Part 1.mp4	5:11	
86. File Handling- Deleting and Renaming Files Part 2.mp4	5:00	
87. Uploading Files- The Basics.mp4	7:42	
88. Uploading Files- The Basics Part 2.mp4	6:32	
89. Uploading Files- Restricting File Size.mp4	8:06	
90. Uploading Files- Restricting File Extensions Part 1.mp4	5:11	
91. Uploading Files- Restricting File Extensions Part 2.mp4	5:52	
92. Creating a non-unique Hit Counter.mp4	9:25	
93. Creating a File Based Unique Hit Counter Part 1.mp4	7:21	
94. Creating a File Based Unique Hit Counter Part 2.mp4	6:28	
95. Creating a File Based Unique Hit Counter Part 3.mp4	7:00	
Q & A session	5-6 p.m.	**Meeting**
Practice Session	Throughout the day	GITHUB submission before day ends
Day 20: PHP by Akhilesh Patel		**30th January**
96. MD5 Encryption Part 1.mp4	7:47	Learn and Practice from videos in the morning. Link will be shared
97. MD5 Encryption Part 2.mp4	8:08	
98. Sending an Email Part 1.mp4	5:05	
99. Sending an Email Part 2.mp4	5:00	
100. Creating a Simple Contact Form Part 1.mp4	5:27	
101. Creating a Simple Contact Form Part 2.mp4	5:43	
102. Creating a Simple Contact Form Part 3.mp4	6:03	
103. Creating a Simple Contact Form Part 4.mp4	5:31	
104. An Introduction to XML.mp4	6:23	
105. Reading a Simple XML File- Part 1.mp4	9:55	
106. Reading a Simple XML File- Part 2.mp4	7:35	
107. A YouTube XML Example.mp4	8:52	
Q & A session	5-6 p.m.	**Meeting**
Practice Session	Throughout the day	GITHUB submission before day ends
Day 21: PHP by Akhilesh Patel		**1st February**
108. An Introduction to Databases.mp4	5:37	Learn and Practice from videos in the morning. Link will be shared
109. More About Databases.mp4	5:35	
110. phpMyAdmin Part 1.mp4	6:30	
111. phpMyAdmin Part 2.mp4	5:49	
112. phpMyAdmin Part 3.mp4	6:15	
113. Connecting to a Server and Database Part 1.mp4	6:21	
114. Connecting to a Server and Database Part 2.mp4	5:58	
115. SELECT Part 1.mp4	7:32	
116. SELECT Part 2.mp4	7:57	
117. SELECT Part 3.mp4	6:50	
118. SELECT By Example Part 1.mp4	7:12	

119. SELECT By Example Part 2.mp4	6:36	
120. More Basic Querying Part 1.mp4	8:58	
121. More Basic Querying Part 2.mp4	9:43	
122. More Basic Querying Part 3.mp4	9:10	
123. Creating a Database Hit Counter Part 1.mp4	7:38	
124. Creating a Database Hit Counter Part 2.mp4	7:46	
125. Creating a Database Hit Counter Part 3.mp4	5:44	
126. Creating a Database Hit Counter Part 4.mp4	6:38	
Q & A session	5-6 p.m.	**Meeting**
Practice Session	Throughout the day	GITHUB submission before day ends
Day 22: PHP by Akhilesh Patel		**2nd February**
127. LEFT JOIN.mp4	6:51	Learn and Practice from videos in the morning. Link will be shared
128. RIGHT JOIN.mp4	3:08	
129. JOIN.mp4	3:28	
130. LIKE With a Search Engine Example Part 1.mp4	4:48	
131. LIKE With a Search Engine Example Part 2.mp4	4:50	
132. LIKE With a Search Engine Example Part 3.mp4	5:02	
133. LIKE With a Search Engine Example Part 4.mp4	4:34	
134. SELECT DISTINCT.mp4	7:02	
135. Creating Tables.mp4	7:51	
136. Logging the User In Part 1.mp4	8:14	
137. Logging the User In Part 2.mp4	7:23	
138. Logging the User In Part 3.mp4	7:21	
139. Logging the User In Part 4.mp4	7:28	
140. Logging the User Out.mp4	5:54	
141. Getting User Data Part 1.mp4	5:54	
142. Getting User Data Part 2.mp4	5:20	
143. Protecting the User Against SQL Injection.mp4	4:45	
144. Registration Form Part 1.mp4	7:14	
145. Registration Form Part 2.mp4	7:15	
146. Registration Form Part 3.mp4	6:53	
147. Registration Form Part 4.mp4	6:20	
148. More Validation Part 1.mp4	6:30	
149. More Validation Part 2.mp4	6:06	
150. More Validation Part 3.mp4	5:56	
151. SQL Injection Part 1.mp4	5:21	
152. SQL Injection Part 2.mp4	5:41	
153. SQL Injection Part 3.mp4	6:15	
154. SQL Injection Part 4.mp4	6:46	
155. SQL Injection Part 5.mp4	6:27	
Q & A session	5-6 p.m.	**Meeting**
Practice Session	Throughout the day	GITHUB submission before day ends
Day 23: PHP by Akhilesh Patel		**3rd February**

156. Introduction to GD.mp4	7:24	Learn and Practice from videos in the morning. Link will be shared
157. Protecting Email with String to Image Part 1.mp4	7:23	
158. Protecting Email with String to Image Part 2.mp4	7:45	
159. Protecting Email with String to Image Part 3.mp4	8:07	
160. Protecting Email with String to Image Part 4.mp4	7:54	
161. Watermarking Images Part 1.mp4	7:18	
162. Watermarking Images Part 2.mp4	7:24	
163. Watermarking Images Part 3.mp4	9:30	
164. Creating Captcha Image Security Part 1.mp4	7:27	
165. Creating Captcha Image Security Part 2.mp4	7:39	
166. Creating Captcha Image Security Part 3.mp4	6:24	
167. Creating Captcha Image Security Part 4.mp4	5:52	
168. Scaling Down Images to Thumbnails Part 1.mp4	7:24	
169. Scaling Down Images to Thumbnails Part 2.mp4	7:06	
170. Scaling Down Images to Thumbnails Part 3.mp4	7:41	
Q & A session	5-6 p.m.	**Meeting**
Practice Session	Throughout the day	GITHUB submission before day ends
Day 24: PHP by Akhilesh Patel		**4th February**
185. Throwing an Exception.mp4	5:00	Learn and Practice from videos in the morning. Link will be shared
186. try, throw, catch.mp4	5:05	
187. Custom Exceptions.mp4	9:24	
188. Custom Error Messages.mp4	6:52	
189. Introduction to OOP.m.p4	5:20	
190. Classes, Properties, and Methods.mp4	6:23	
191. Return a Property Value.mp4	7:01	
192. Changing a Property Value.mp4	7:20	
193. public, private, and protected.mp4	9:14	
194. Constants.mp4	7:44	
195. Class Constructor.mp4	5:00	
196. Multiple Instances of Classes.mp4	7:34	
197. extends Part 1.mp4	7:06	
198. extends Part 2.mp4	7:06	
199. Connecting to a Database the OOP Way.mp4	6:18	
200. Final PHP Video!!!.mp4	6:02	
Q & A session	5-6 p.m.	**Meeting**
Practice Session	Throughout the day	GITHUB submission before day ends
Day 25: PHP by Akhilesh Patel		**5th February**
171. Introduction to AJAX.mp4	8:17	Learn and Practice from videos in the morning. Link will be shared
172. Loading in file Contents to a DIV Part 1.mp4	6:18	
173. Loading in file Contents to a DIV Part 2.mp4	6:43	

174. Loading in file Contents to a DIV Part 3.mp4	5:44	
175. Auto Suggest Application Part 1.mp4	6:47	
176. Auto Suggest Application Part 2.mp4	5:58	
177. Auto Suggest Application Part 3.mp4	7:46	
178. Auto Suggest Application Part 5.mp4	5:55	
179. Auto Suggest Application Part 4.mp4	6:35	
180. POSTing Data Part 1.mp4	5:34	
181. POSTing Data Part 2.mp4	5:13	
182. POSTing Data Part 3.mp4	5:30	
183. POSTing Data Part 4.mp4	5:47	
184. POSTing Data Part 5.mp4	5:16	
Q & A session	5-6 p.m.	**Meeting**
Practice Session	Throughout the day	GITHUB submission before day ends
Day 24: Evaluation		**6th February**
Evaluation (Practical Test for PHP)		10 a.m. onwards