Day	Learning	Hands On	Cognitive Skills
1	Java Tutorial for Beginners [2020]: https://www.youtube.com/watch?v=eIrMbAQSU34 Python for Beginners - Learn Python in 1 Hour: https://www.youtube.com/watch?v=kqtD5dpn9C8	Practice all sample code in these videos along with watching them.	https://g91.tcsion.com/LX/social_share/gbook/2030/55/tcs-poi-2122-737-2030/Learning_references_and_guidelines_for_Cognitive
2	Java (recordings from course - Technical_Recordings _Java) 1.JVM,JRE,ECLIPSE, First Java Program, Operators and variables 2.Class, constructor , getters, setters & access modifiers (except protected) Python (recordings from course - Technical_Recordings _Python) 1.Python Basic Constructs - Part1	1.Check if given input number is prime 2.Reverse digits in given number 3.Find all prime numbers from given range 4.Display count of words in given sentence	https://g91.tcsion.com/LX/social_share/gbook/2030/55/tcs-poi-2122-737-2030/Learning_references_and_guidelines_for_Cognitive
3	Java (recordings from course - Technical_Recordings _Java) 1.class methods,overloading 2.this and static .Static methods. Python (recordings from course - Technical_Recordings _Python) 1.Python Basic Constructs – Part2	1.Replace given character with another one in given string 2.Find largest number from given list of values 3.Swap numbers before decimal and after (E.g. 55.667 would become 667.55) 4.Display sum of odd and even digits in the number (E.g for number 534726, sum of odd digits is 5+3+7=15 and even digits is 4+2+6=12)	https://g91.tcsion.com/LX/social_share/gbook/2030/55/tcs-poi-2122-737-2030/Learning_references_and_guidelines_for_Cognitive

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4	Java (recordings from course - Technical_Recordings _Java) 1.Comparing class objects with conditional operations. 2.Basic Iterations Python (recordings from course - Technical_Recordings _Python) 1.Python Basic Constructs – Part3 2.Python Functions	Refer course - TCS POI_Assessments _2122 and attempt two coding questions of Level 1 and one MCQ assessment (either for Python or Java)	https://g91.tcsion.com/LX/social_share/gbook/2030/55/tcs-poi-2122-737-2030/Learning_references_and_guidelines_for_Cognitive
5	SQL Basics Video - https://tcs2.webex.com/tcs2/lsr.php?RCID=e63ec13cf34f480885958dfc1891016f	Refer course - TCS POI_Assessments _2122 and attempt two coding questions of Level 1 and one MCQ assessment (either for Python or Java)	https://g91.tcsion.com/LX/social_share/gbook/2030/55/tcs-poi-2122-737-2030/Learning_references_and_guidelines_for_Cognitive
6	Data Structures - Computer Science Course for Beginners: https://www.youtube.com/watch?v=zg9ih6SVACc	Practice basic List operations with any programming language: 1.Adding item to list 2.Deleting item from list 3.Inserting item at specific location in the list 4.Display all values in the list 5.Find values at odd position (assume position starts with 1 irrespective of programming language) 6.Find specific value and position in the list 7. Find second largest value in the list	https://g91.tcsion.com/LX/social_share/gbook/2030/55/tcs-poi-2122-737-2030/Learning_references_and_guidelines_for_Cognitive
7	NA	Previous exams coding questions (will be shared)	NA