Syllabus / preparation flow :

1. What is API \*
2. API terminologies (refer Doc) \*
3. Basic requests : Get, Post, Put, Delete \*
4. Assertion on Json response (statuscode, body, header) \*
5. Store body in another static class \*
6. Extract specific value from response and use in other request (JsonPath) \*
7. Build End to End test (Get, Post, Put, Delete) \*
8. Understand complex nested jsons \*
9. Dynamic json with external inputs(parametrize json in other class) \*
10. Parametarize API test with multiple data set (parametrize json with testing-dataprovider 2Darray) \*
11. Send external json file by file path \*
12. Session cookie for continues logged session \*
13. Path and query param for a same request
14. Oath 2.0
15. Assert - Retrieve response values as string and use assertion (actual and expected comparison) \*
16. Filter, session filter \*
17. Integrate path, query param + filter for single response
18. Relaxhttpsvalidation : to bypass certificates \*
19. Serialize, de-serialize, POJO \*
20. SpecBuilder – request and response
21. Json schema validation
22. Cookies session