Syllabus / preparation flow :

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