# 1. Steps to deploy and test the BritannicaTopicService REST application

1. Download zip file (BritannicaTopicService.zip) and extract Source code will be in C:\Britannica\BritannicaTopicService\

Run below command to build

mvnw clean package

or

Download JAR file from email and keep it in local system.

Ex. C:\Britannica\BritannicaTopicService\target

1. Open command prompt and run the below command

cd C:\Britannica\BritannicaTopicService\target

1. run below java command by providing the jar file

java -jar target/BritannicaTopicService-0.0.1-SNAPSHOT.jar

Note: Set JAVA\_HOME path in Environment Variables as per JDK path in local system

If everything goes fine, below message will be shown.

2019-01-29 20:56:17.926 INFO 1252 --- [ main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8080 (http) with context path ''

2019-01-29 20:56:17.936 INFO 1252 --- [ main] c.b.t.BritannicaTopicServiceApplication : Started BritannicaTopicServiceApplication in 22.232 seconds (JVM running for 23.991)

1. Open the Chrome browser or Postman to the APIs as per requirement document (PDF).
2. Access below API to check the status application.

http://localhost:8080/eb/topicservicestatus

1. Access below API for by giving the topic id to get the details.

http://localhost:8080/eb/topic/ 4145

1. Access below API for by giving the class name for list of topic ids

http://localhost:8080/eb/class/sports

1. Access below API for all topic ids details

http://localhost:8080/eb/all/topic

1. Access below API to see 404 code

http://localhost:8080/eb

Note:

1. Logging mechanism yet to be implemented

2. In part of application start, data will be loaded into H2 data base

3. NoSQL DB connectivity is not implemented

4. Only one test case written in part of Unit Testing