HOMEWORK 04

FormulaAPI INFO --> http://ergast.com/mrd/methods/drivers/

- It's for historical formula one race information
- In this particular api, it decided to give you ml by default for response type and In this particular api, it decided to give you json if you add .json at the end of url

FOR EXAMPLE

- http://ergast.com/api/f1/drivers.json ---> return JSON

BASE URL —> http://ergast.com/api/f1/

TASK 1: Solve same task with 4 different way

- Given accept type is json
 - And path param driverId is alonso
 - When user send request /drivers/{driverId}.json
 - Then verify status code is 200
 - And content type is application/json; charset=utf-8
 - And total is 1
 - And givenName is Fernando
 - And familyName is Alonso
 - And nationality is Spanish

- Use JSONPATH

int total = jsonpath.getInt("pathOfField")

- Use HAMCREST MATCHERS

then().body(.....)

Print givenName of Driver by using extract method after HamCrest

- Convert Driver information to Java Structure

Map<String,Object> driverMap=jsonpath.getMap("pathOfDriver")

- Convert Driver information POJO Class

Driver driver=getObject("pathOfDriver", Driver.class)

TASK 2: Solve same task with 4 different way

- Use JSONPATH

int total = jsonpath.getInt("pathOfField")

- Use HAMCREST MATCHERS

then().body(......)

Print all names of constructor by using extract method after HamCrest

- Convert Constructor information to Java Structure

List<Map<String,Object>> constructorMap=jsonpath.getList("pathOfConsts");

- Convert Constructor information POJO Class

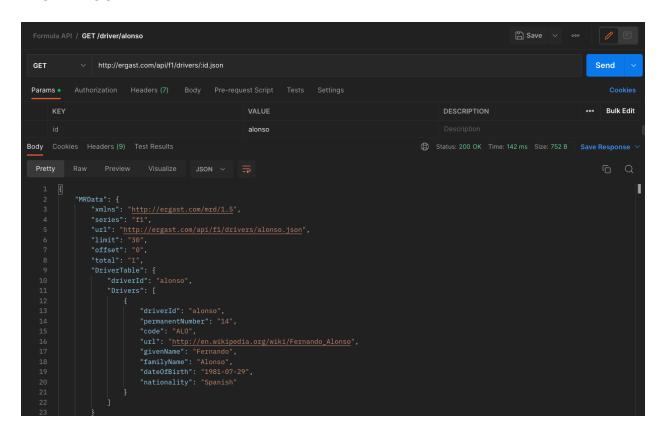
List<ConstructorPOJO>

constr=getObject("pathOfConstr", ConstructorPOJO.class)

NOTE

- —> There is a class in JAVA That's why give your class name ConstrutorPOJO to separate from existing one. Wrong imports may cause issue
- Given accept type is json
- When user send request /constructorStandings/1/constructors.json
- Then verify status code is 200
- And content type is application/json; charset=utf-8
- And total is 17
- And limit is 30
- And each constructor has constructorld
- And constructor has name
- And size of constructor is 17
- And constructor IDs has "benetton", "mercedes", "team_lotus"

TASK 1 POSTMAN



TASK 2 POSTMAN

