HOMEWORK-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 :

NOTE --> Solve same task with 4 different way

- 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)

- 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

TASK 2 :

NOTE --> 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")

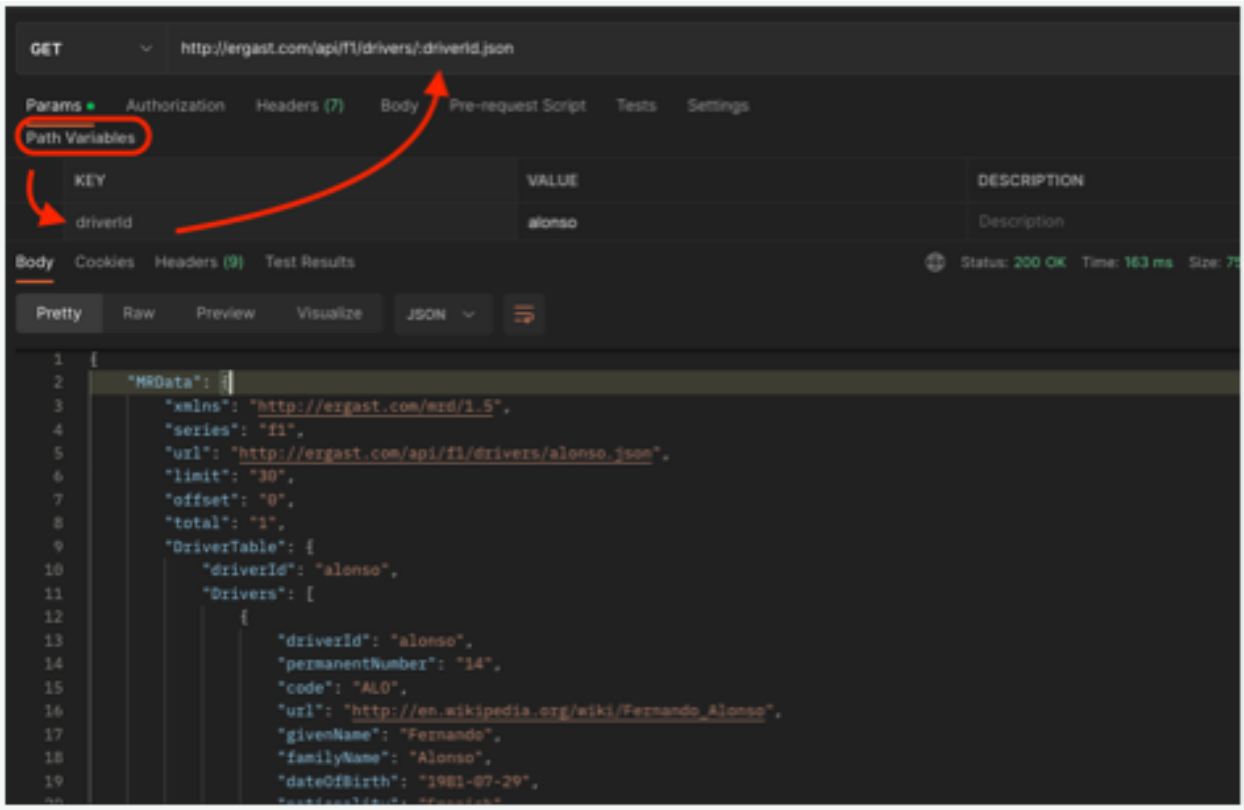
- Convert Constructor information POJO Class

List<ConstructorPOJO>
constr=getObject("pathOfConstr",ConstructorPOJO.class)

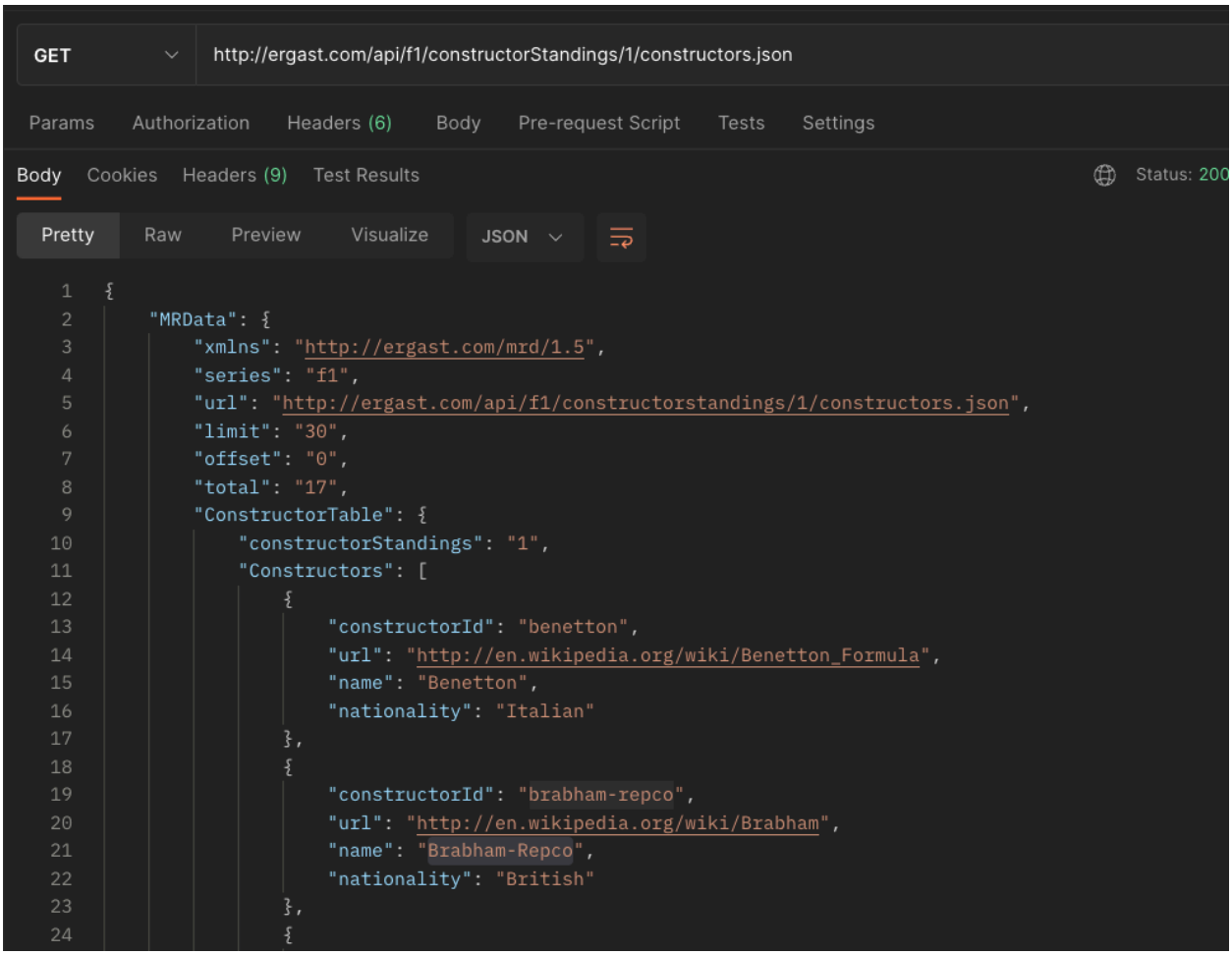
NOTE *—> There is a class in JAVA That's why give your class name ConstrutorPOJO to separate from existing one. Wrong imports may cause issue*

- 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 constructorId
- And constructor has name
- And size of constructor is 17 (using with hasSize)
- And constructor IDs has "benetton", "mercedes","team_lotus"
- And names are in same order by following list

List<String> names =Arrays.*asList*("Benetton","Brabham-Repco"," Brawn"," BRM","Cooper-Climax","Ferrari","Lotus-Climax","Lotus-Ford"," Matra-Ford"," McLaren","Mercedes","Red Bull","Renault","Team Lotus"," Tyrrell","Vanwall"," Williams");



GET Single Driver



GET Constructors