**IV ASSESSMENT**

**Skills test:** Write a (5) five running java program examples using the different java API Specifications.

URLConnection connection = new URL(“<some\_url>/<endpoint>?param1=value1&param2=value2”).openConnection();

connection.setRequestProperty("header1", header1);

connection.setRequestProperty("header2", header2);

//Get Response

InputStream is = connection.getInputStream();

System.out.println(connection.getContentType());

HttpResponse <String> httpResponse = Unirest.get(“<some\_url>/<endpoint>?param1=value1&param2=value2”)

.header("header1", header1)

.header("header2", header2);

.asString();

System.out.println( httpResponse.getHeaders().get("Content-Type"));

1. // Host url
2. String host = "https://movie-database-imdb-alternative.p.rapidapi.com/";
3. String charset = "UTF-8";
4. // Headers for a request
5. String x\_rapidapi\_host = "movie-database-imdb-alternative.p.rapidapi.com";
6. String x\_rapidapi\_key = <YOUR\_RAPIDAPI\_KEY>;//Type here your key
7. // Params
8. String s = "Pulp";
9. // Format query for preventing encoding problems
10. String query = String.format("s=%s",
11. URLEncoder.encode(s, charset));

4.

HttpResponse <JsonNode> response = Unirest.get(host + "?" + query)

.header("x-rapidapi-host", x\_rapidapi\_host)

.header("x-rapidapi-key", x\_rapidapi\_key)

.asJson();

System.out.println(response.getStatus());

System.out.println(response.getHeaders().get("Content-Type"));

5.

// Host, charset and headers vars should be the same

String i = "tt0110912";

// Format query for preventing encoding problems

query = String.format("i=%s",

URLEncoder.encode(i, charset));

// Json response

HttpResponse <JsonNode> response = Unirest.get(host + "?" + query)

.header("x-rapidapi-host", x\_rapidapi\_host)

.header("x-rapidapi-key", x\_rapidapi\_key)

.asJson();

//Prettifying

Gson gson = new GsonBuilder().setPrettyPrinting().create();

JsonParser jp = new JsonParser();

JsonElement je = jp.parse(response.getBody().toString());

String prettyJsonString = gson.toJson(je);

System.out.println(prettyJsonString);