

Class 12

DB -

1. Create a table in your remote database named “dogs” with three columns all NN (not null):
 - VARCHAR (40) – **name**
 - INT – **age**
 - VARCHAR (30) – **breed**
2. Insert 3 dogs with different values
3. Update second dog age from one value to another
4. Delete the third dog from table
5. Query table and print all dogs names.

**Once database was created on remote, creating the table and adding column can be done from MySQL workbench

**Clauses 2-5 will be done from code.

** What to send me?

1. Table with values screenshot from MySQL workbench
2. Code using JDBC

Rest API -

1. Use the following countries API:

<https://restcountries.eu/>

- Ask a user to enter a country name (Using Scanner)
- Print the following data:
 - Region
 - callingCodes
 - borders
 - symbol (inside currencies)
- Stop the program If the user type **exit**

****** In case country does not exist ask the user to re-enter a country name.

2. USD to ILS converter

- Ask the user using “**Scanner**” for an amount (int) of dollars to convert to shekels.
- Get USD to ILS conversion rate from any Currency API
- Print:
 - “Welcome to currency converter”
 - “Please enter an amount of Dollars to convert”
- Print the result (amount * currency).
- Print: “Thanks for using our currency converter”.

****** Example:

1. 1 Dollar equals to 3 Shilkels.
2. User enter the number 5
3. Print 15 (3 * 5)

CHALLENGES: Use REST Assured for questions 1 + 2 (no need for user input).