

## Section 4: Spring Data

Now that you are done with the videos of section 4, let's assess your learning. Here, are a few questions, followed by 4 options, out of which 1 is the correct option. Select the right option and validate your learning! The answers are provided in a separate sheet

Q1. You are using spring data JPA and you want to have methods for Create/Read/Update/Delete in your RepositoryInterface. What do you have to do to achieve this the spring data way?

- a) Add the annotation @CrudRepository
- b) Extend CrudRepository<...>
- c) Create the method signatures by hand

Q2. You want to create a query to get all Employees which get less than a given income and are located in a given building. How does the method signature and name look like?

- a) findEmployeeByIncomeGreaterThanAndBuilding(long income, int buildingId).
- b) findEmployeeByIncomeGreaterThanAndBuilding(long income, Building building)
- c) findEmployeesByIncomeGreaterThanAndBuilding(long income, int buildingId)
- d) findEmployeesByIncomeGreaterThanAndBuilding(long income, Building building)
- e) getAllEmployeesByIncomeGreaterThanAndBuilding(long income, int buildingId)
- f) getAllEmployeesByIncomeGreaterThanAndBuilding(long income, Building building)

Q3. When you use paging in spring data REST is the page number 1 based or 0 based?

- a) The result is 0 based
- b) The result is 1 based
- c) You have both, one is the technical key and you get a 1 based key for display purposes

Q4. If you don't create your own RedisTemplate how is the data stored in redis?

- a) The key is a string and the data uses java serialisation
- b) The key is a string and the data uses json
- c) The key uses java serialisation and the data uses java serialisation
- d) The key uses json and the data uses json