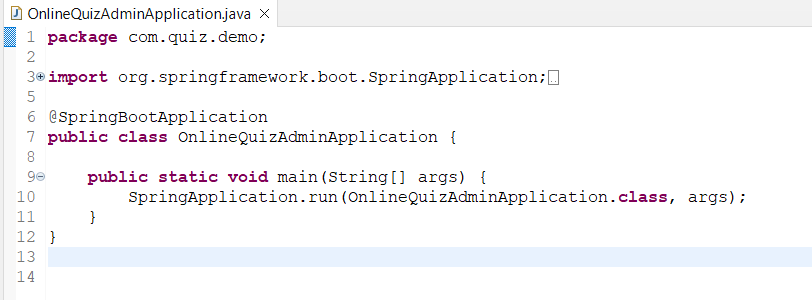
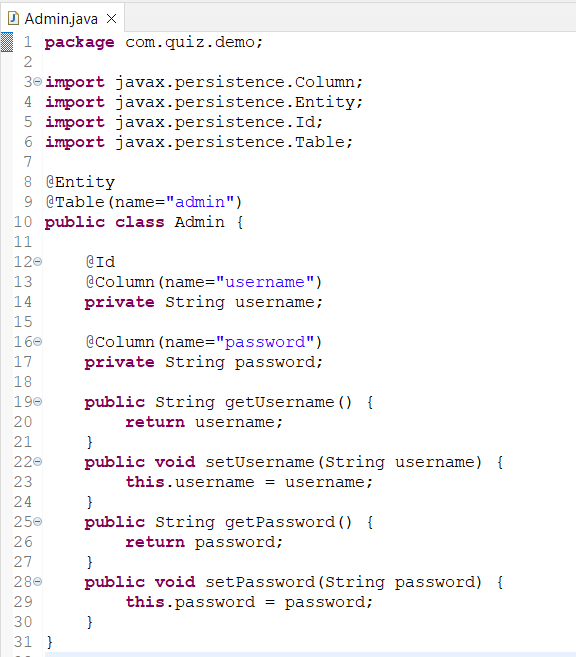
**Online Quiz Portal Using REST APIs**

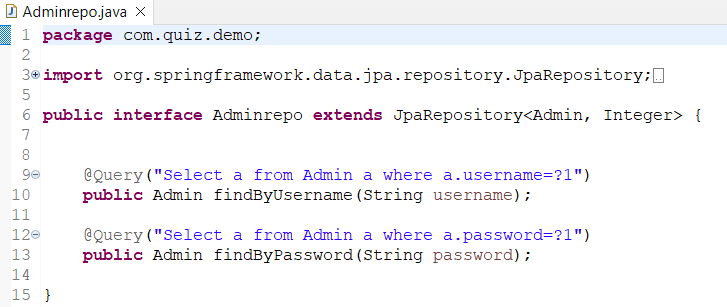
**Code:**

****

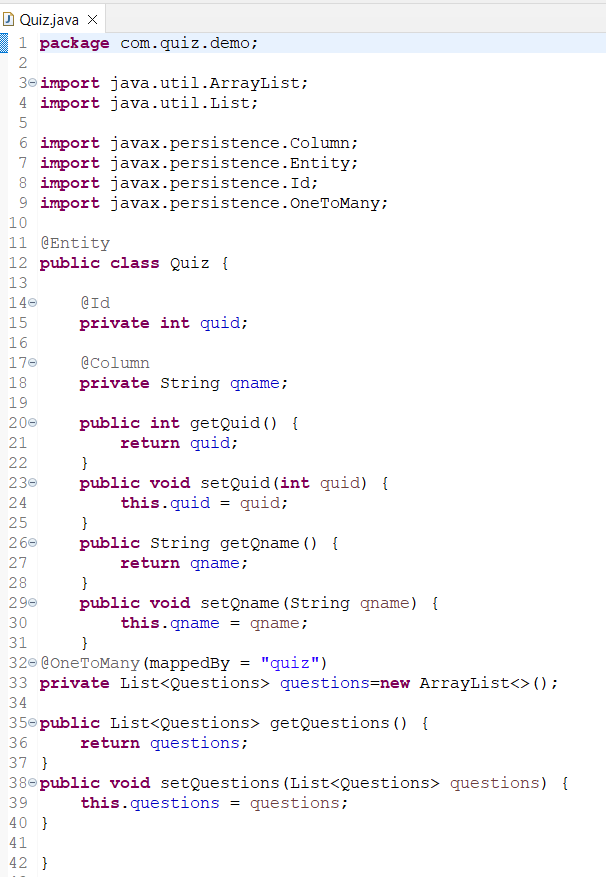
**Admin table:**

****

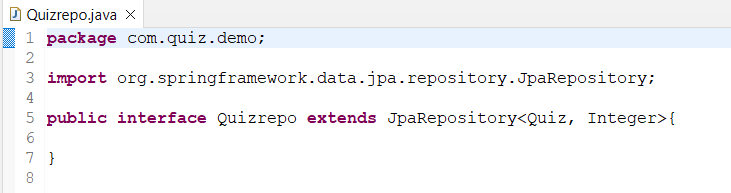
**Admin Repository:**

****

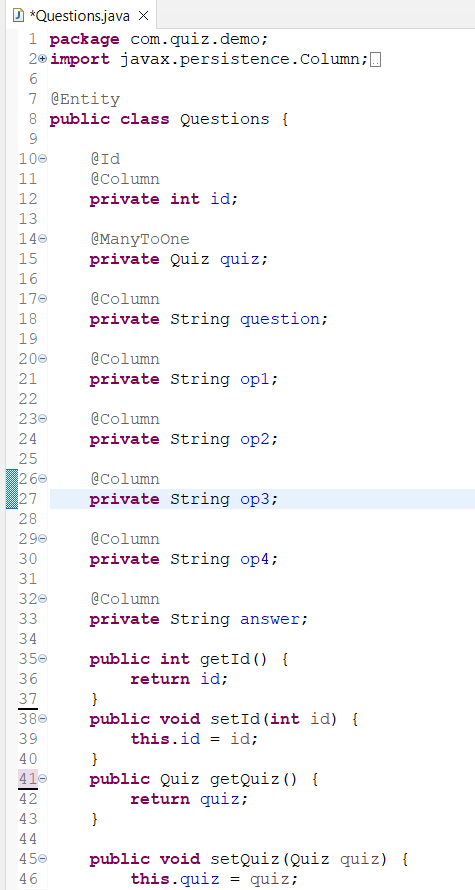
**Quiz Table:**

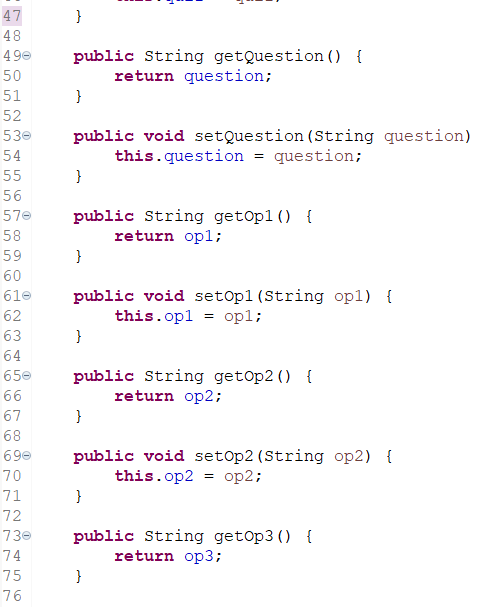
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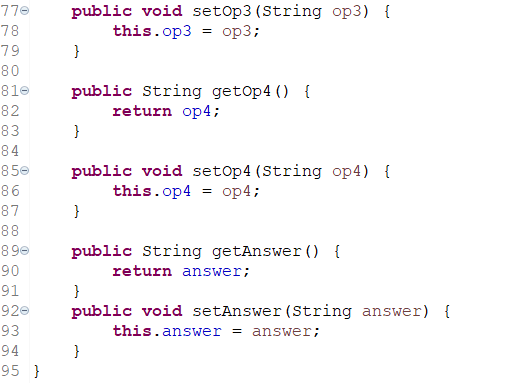
**Quiz Repository:**

****

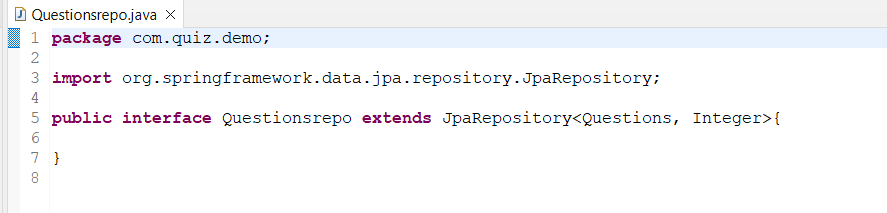
**Questions table:**

****

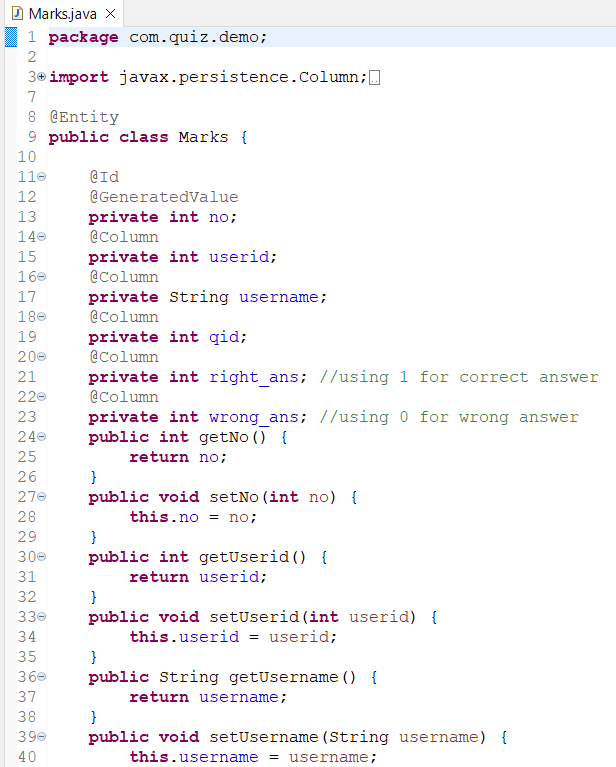
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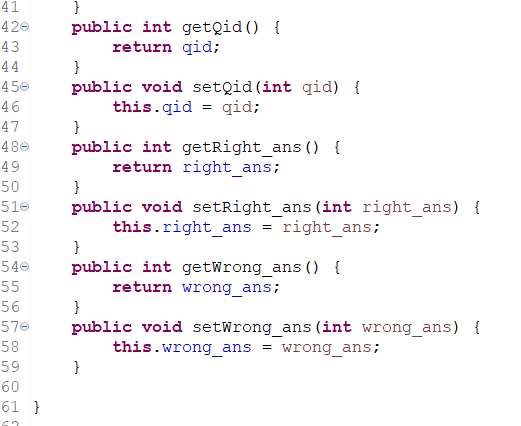
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**Questions Repository:**

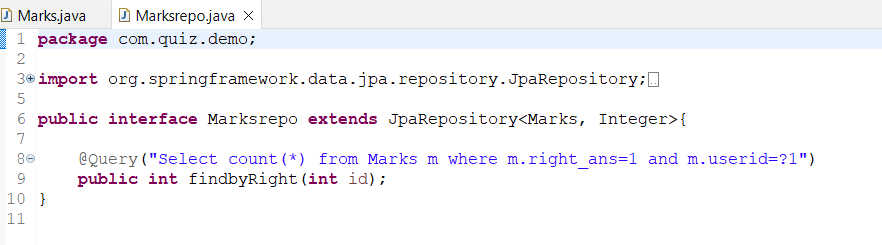


**Marks table:**

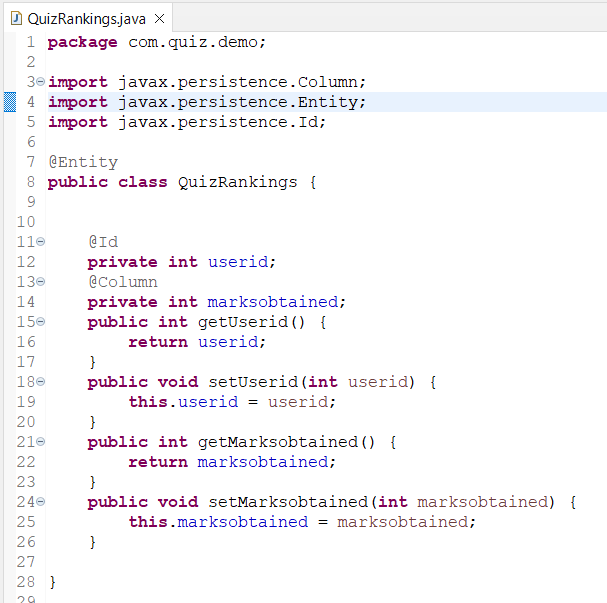




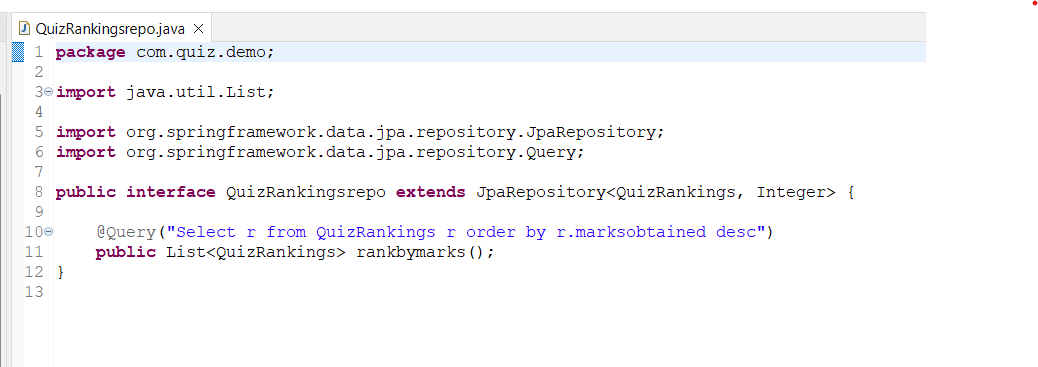
**Marks Repository:**



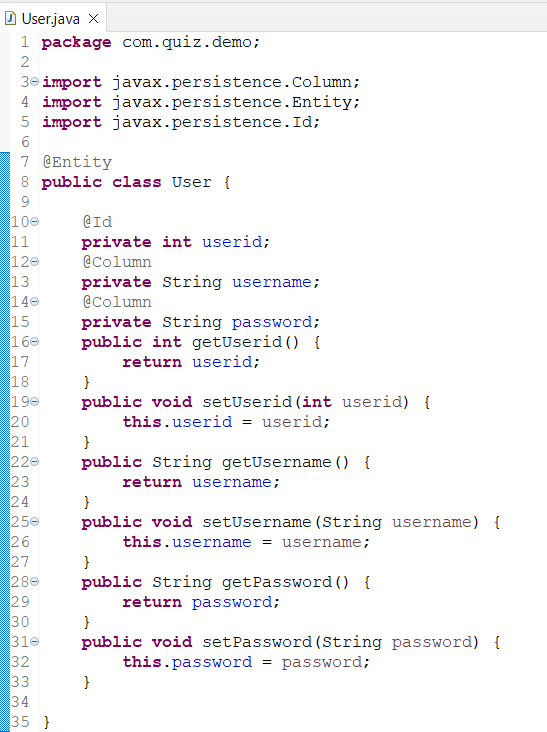
**Quiz Rankings table:**

****

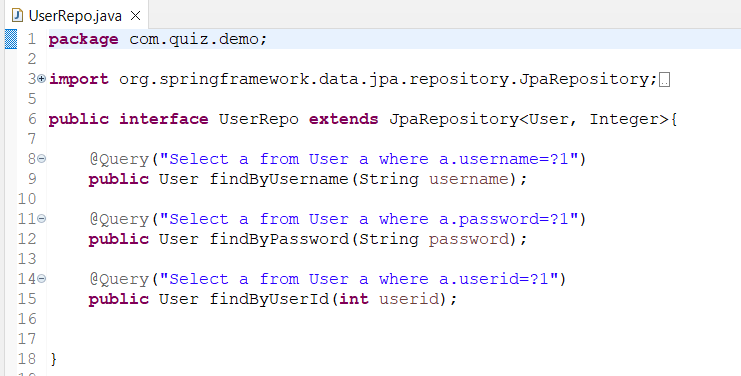
**Repository:**

****

**User Table:**

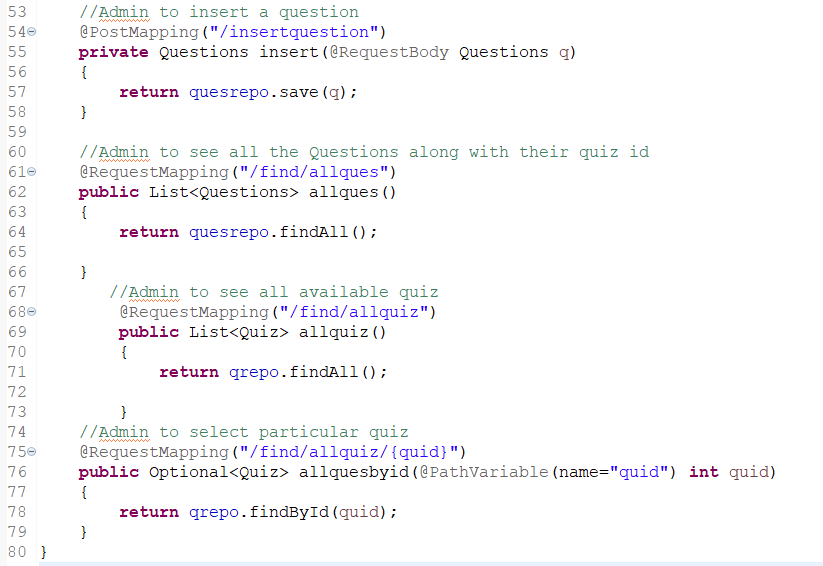
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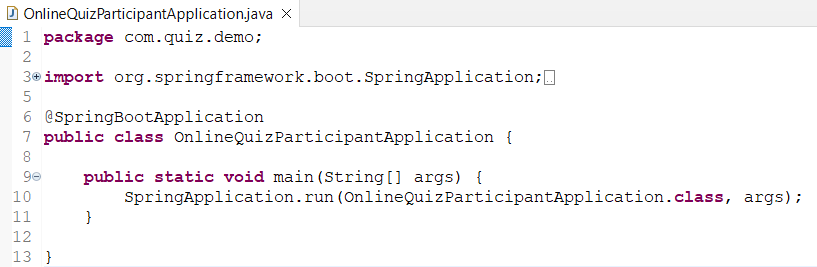
**Repository:**

****

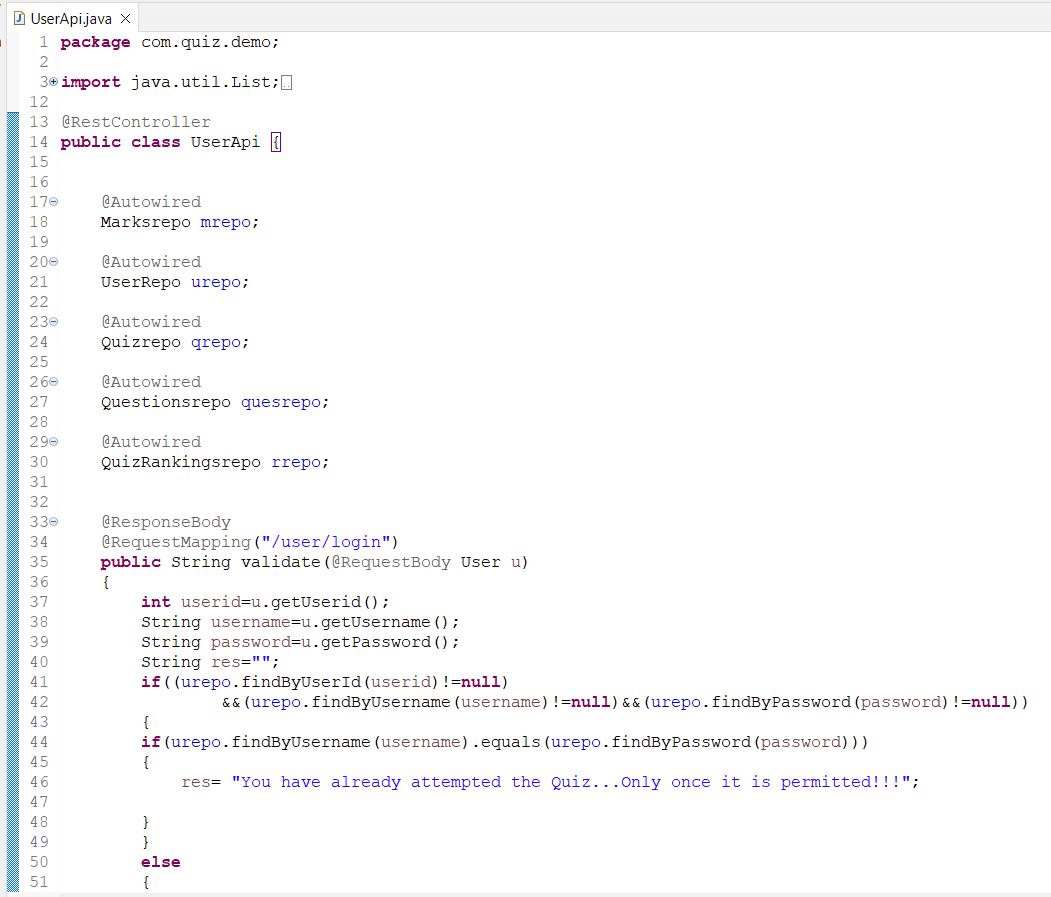
**Admin Controller:**

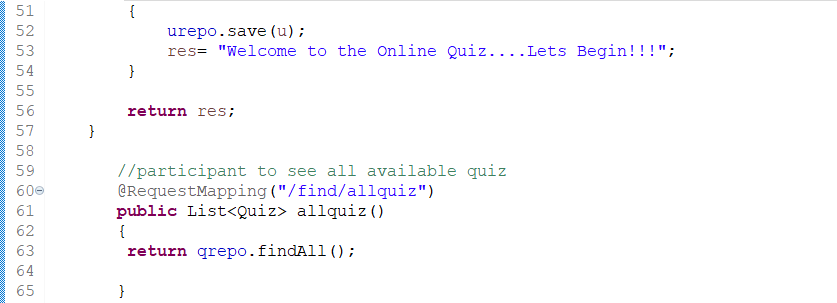
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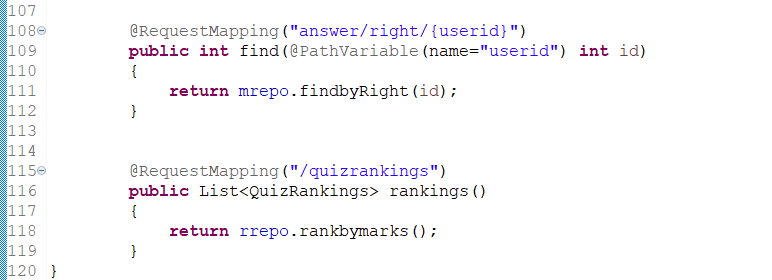
****

**User Controller:**

****

****

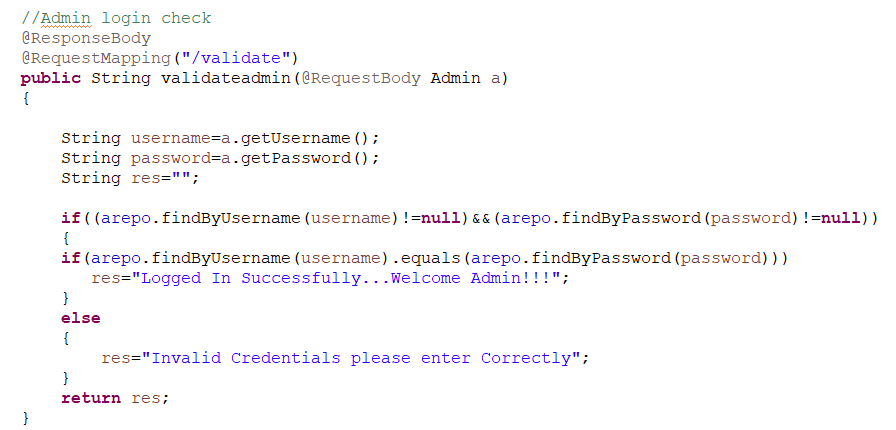
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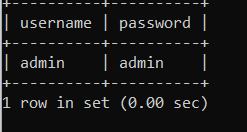
**Outputs and Explanation:**

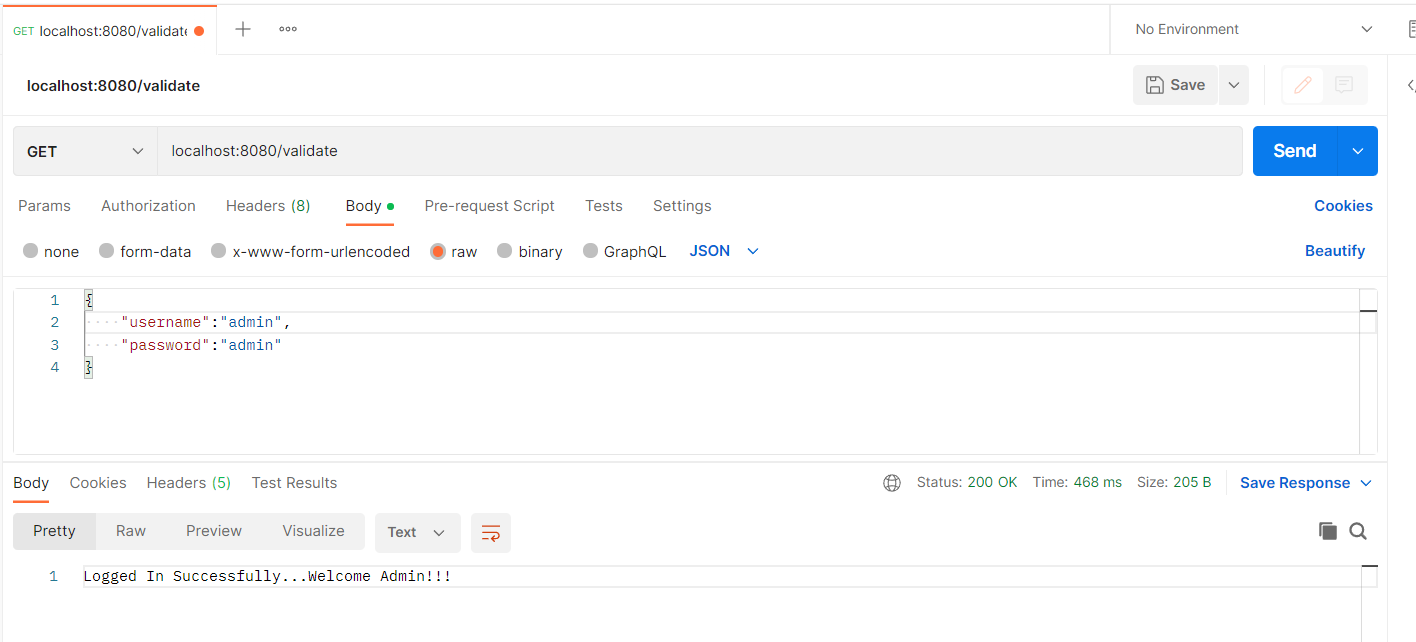
**Admin side in the Online Quiz portal**

**To validate the login of admin:**

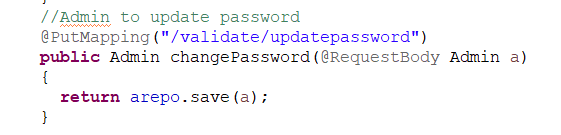
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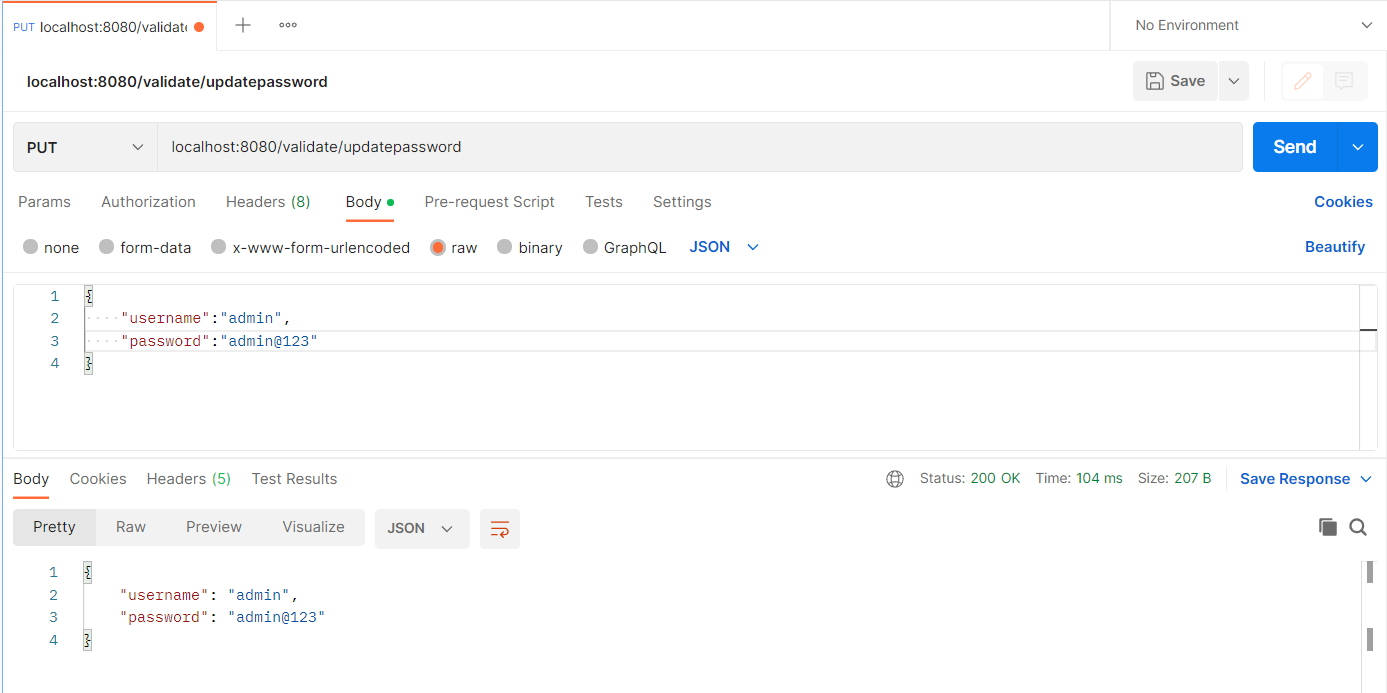
**Need to enter valid admin credentials stored in database**

****

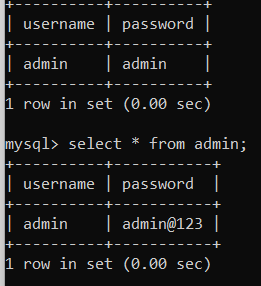
****

**To update password of Admin and store it in database:**

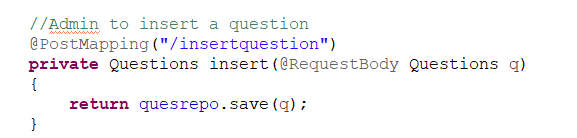
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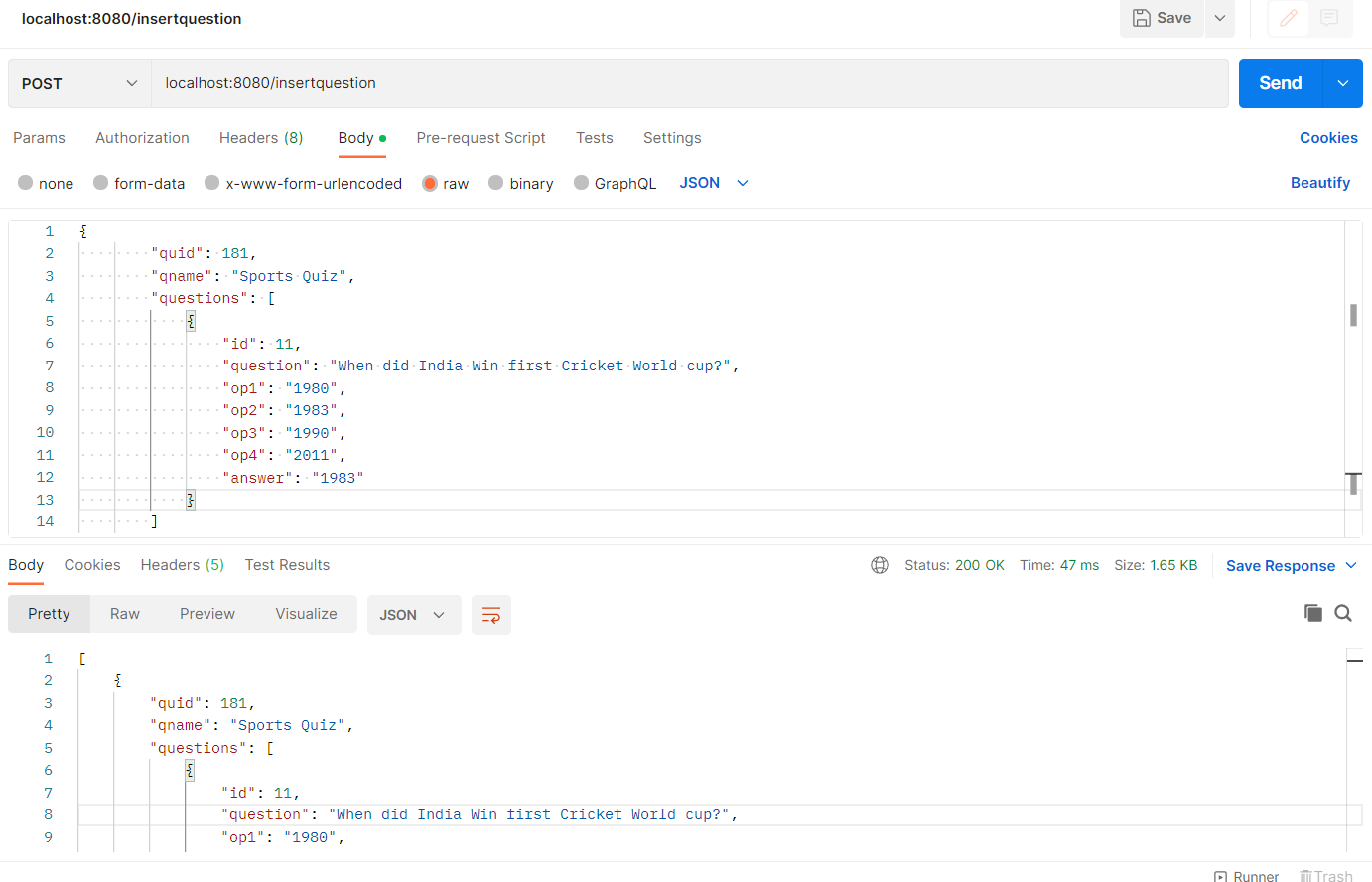
****

**Password is updated in database**

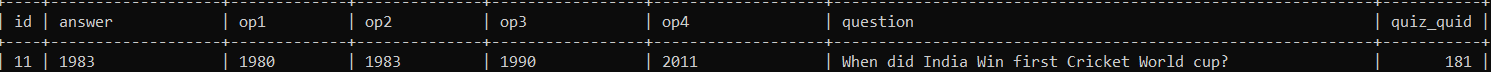
****

**To insert a quiz to the portal with a particular quiz id:**

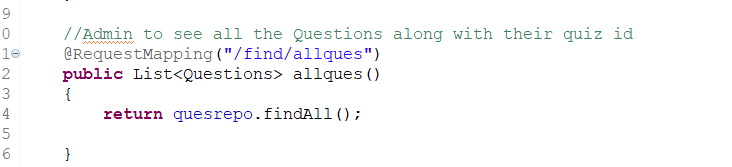
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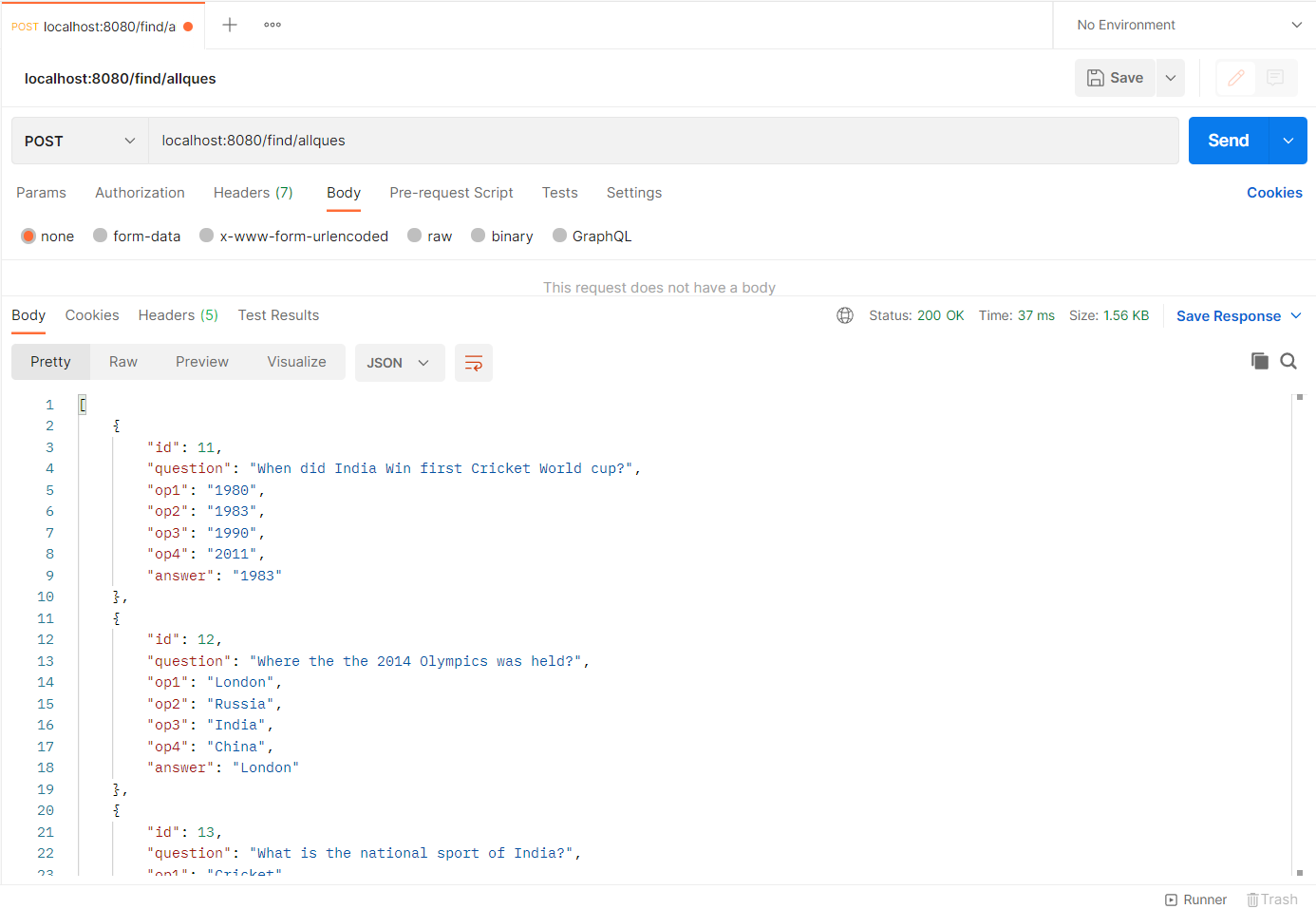
****

**Question is inserted into the table in the database**

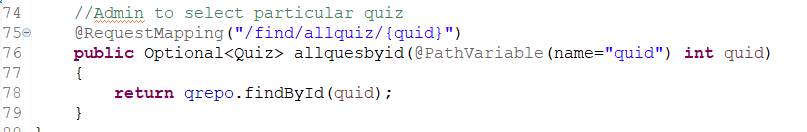
****

**Admin to see all the questions in the quiz:**

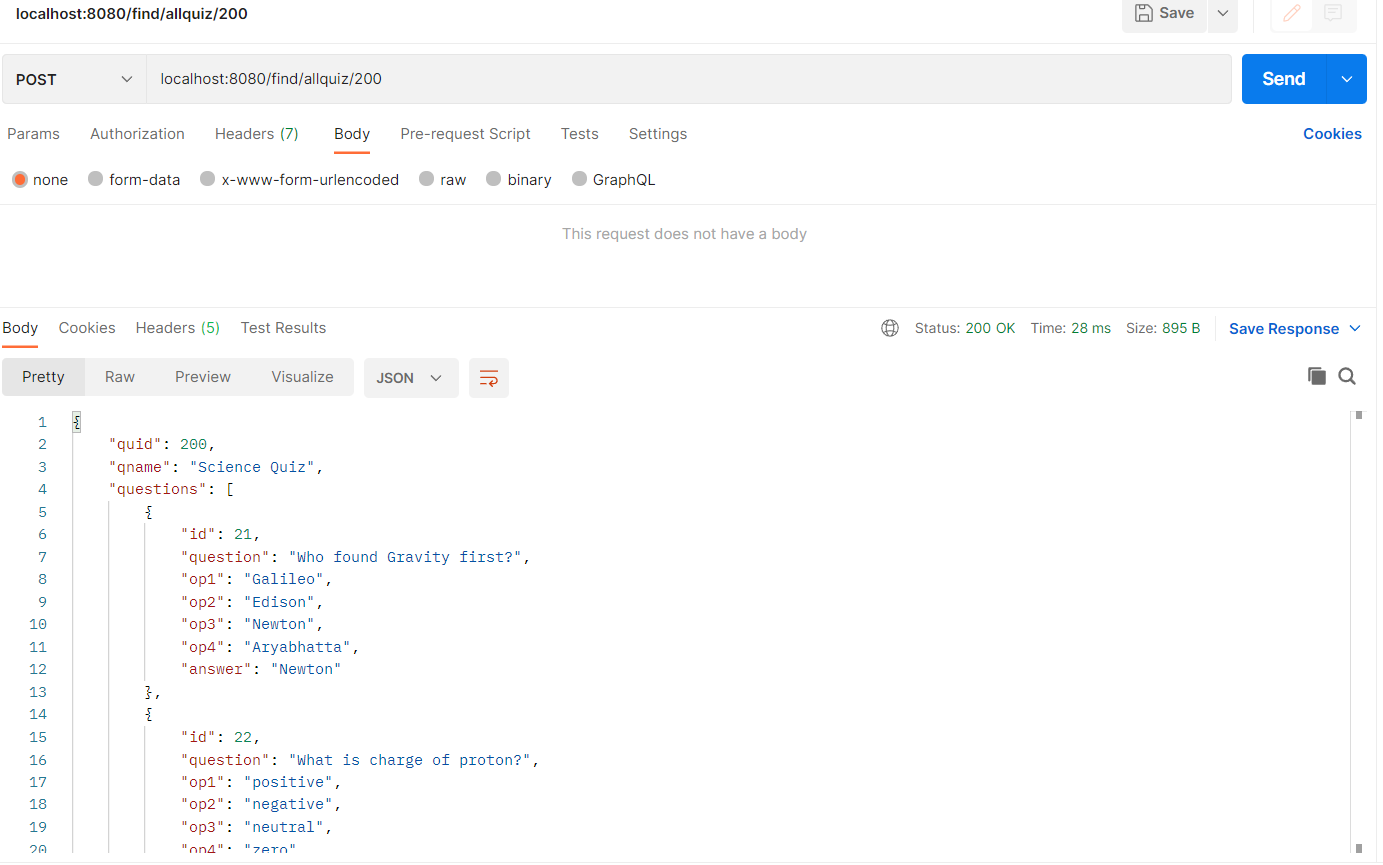




**Admin to select a particular quiz with its quiz id:**

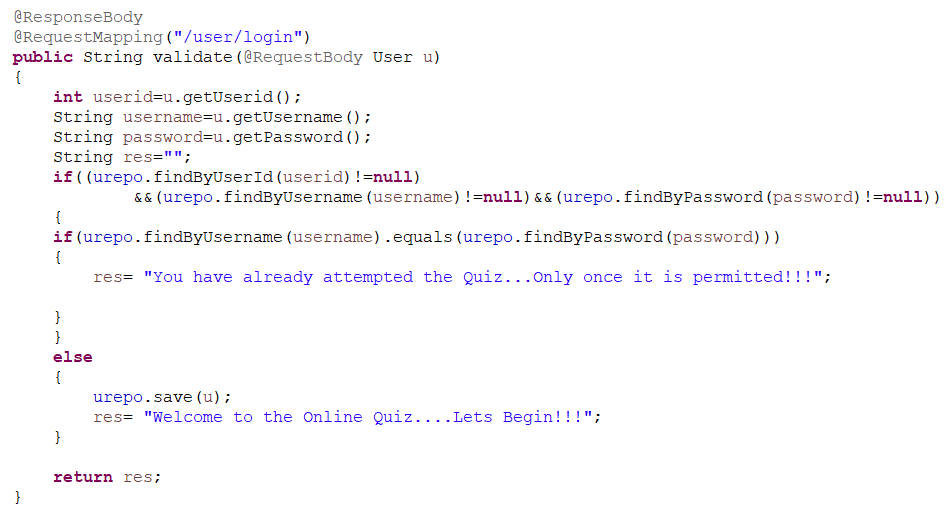
****

**Quiz id 200 is mentioned all the questions in the quiz with that id are displayed**

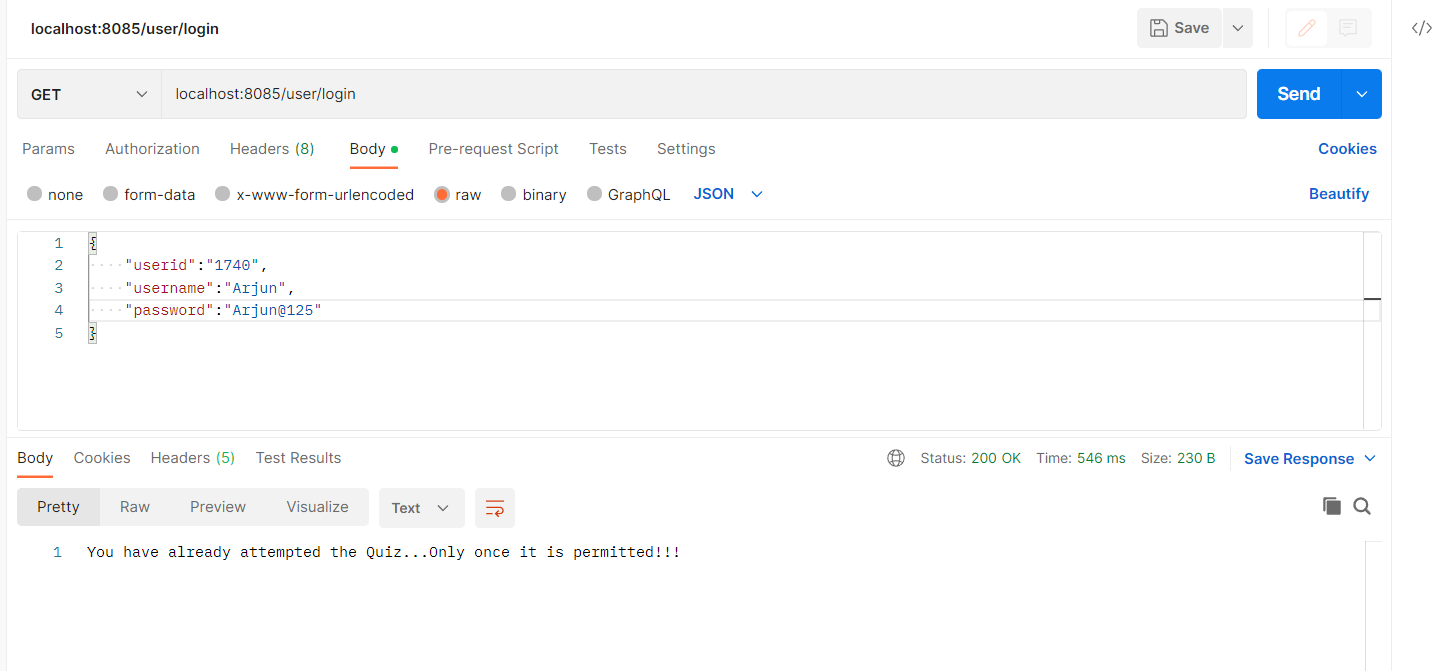
****

**Participant/User side in the Online Quiz portal**

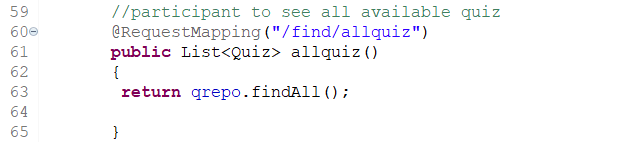
**Login check of the user:**

****

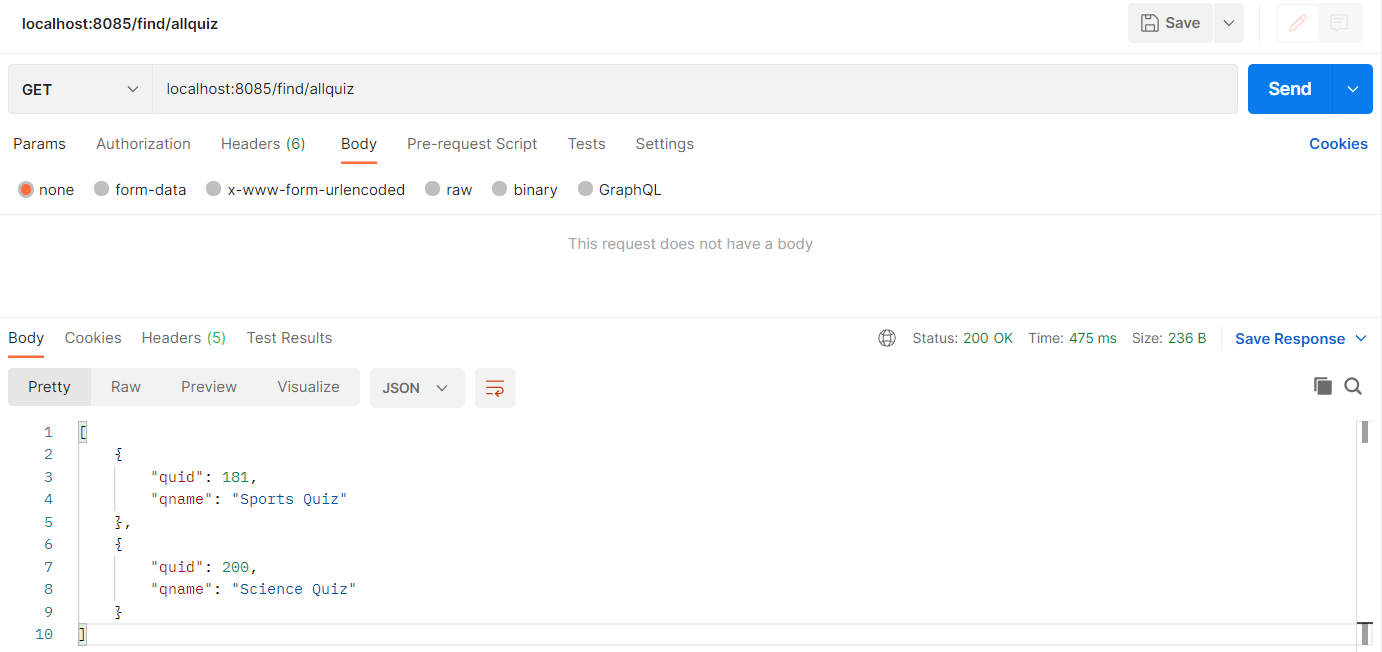
**Since the user here already attempted the quiz**

****

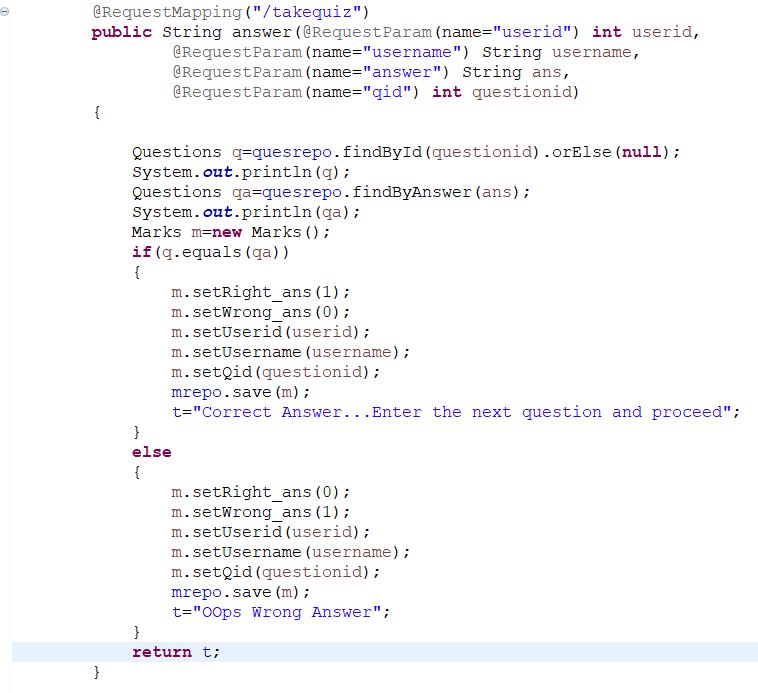
**User to see the available quizzes:**

****

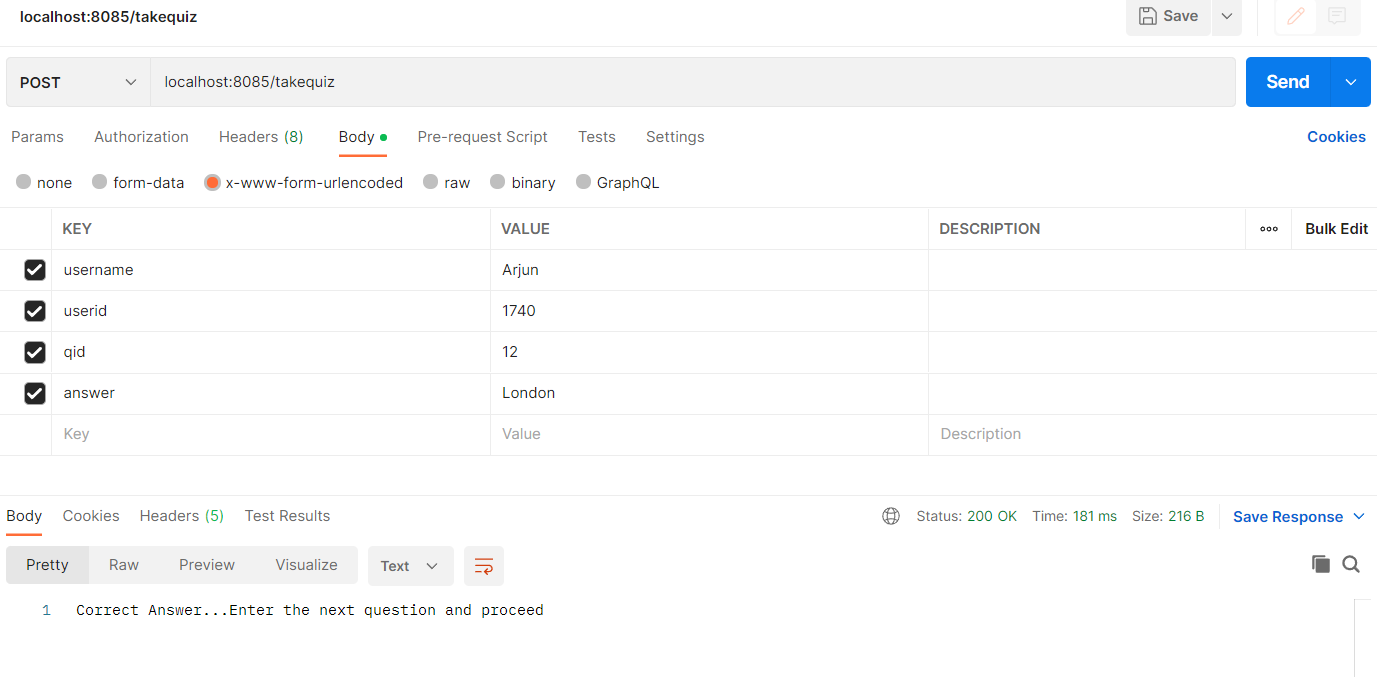
**For user it will only return the quiz id and the quiz name**

****

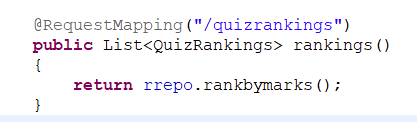
**User to take the quiz:**

****

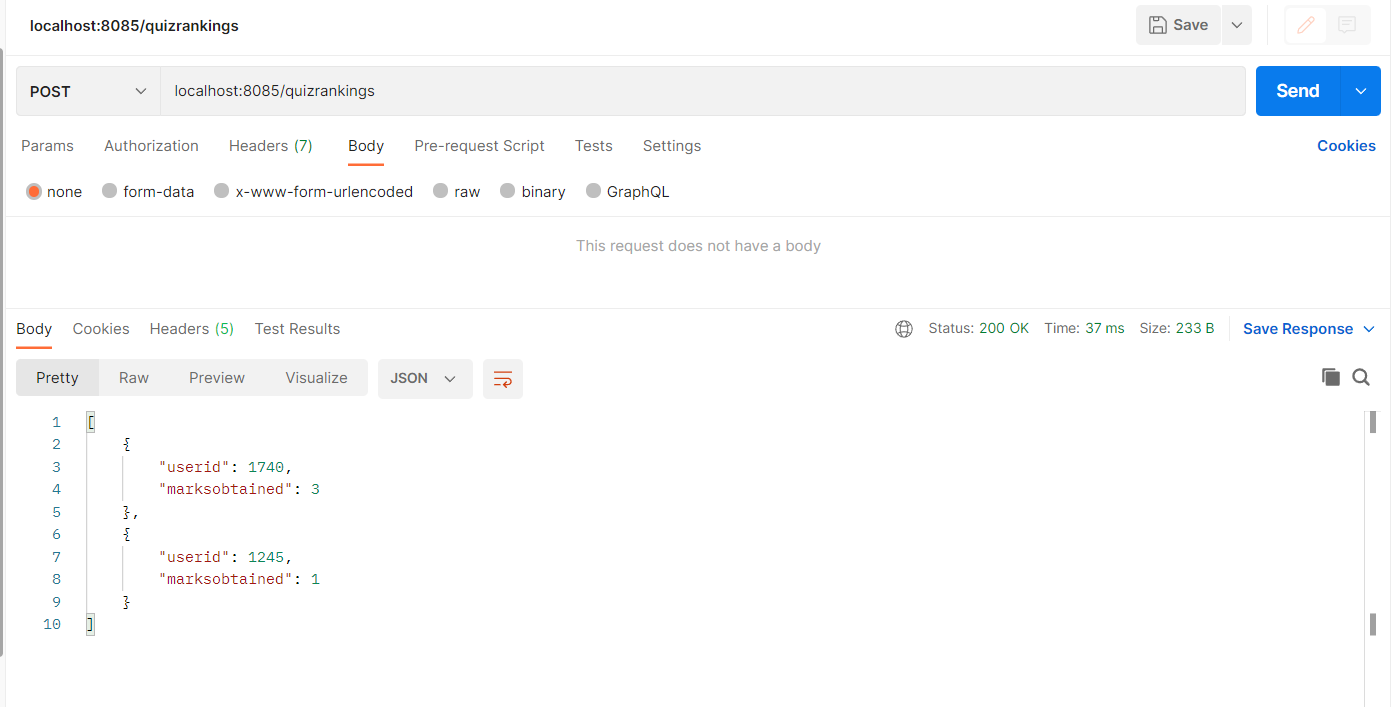
**The question is shown as correct or wrong once you enter answer**

****

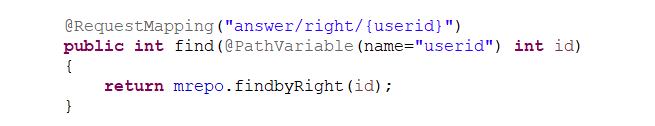
**User can see their Standings:**

****

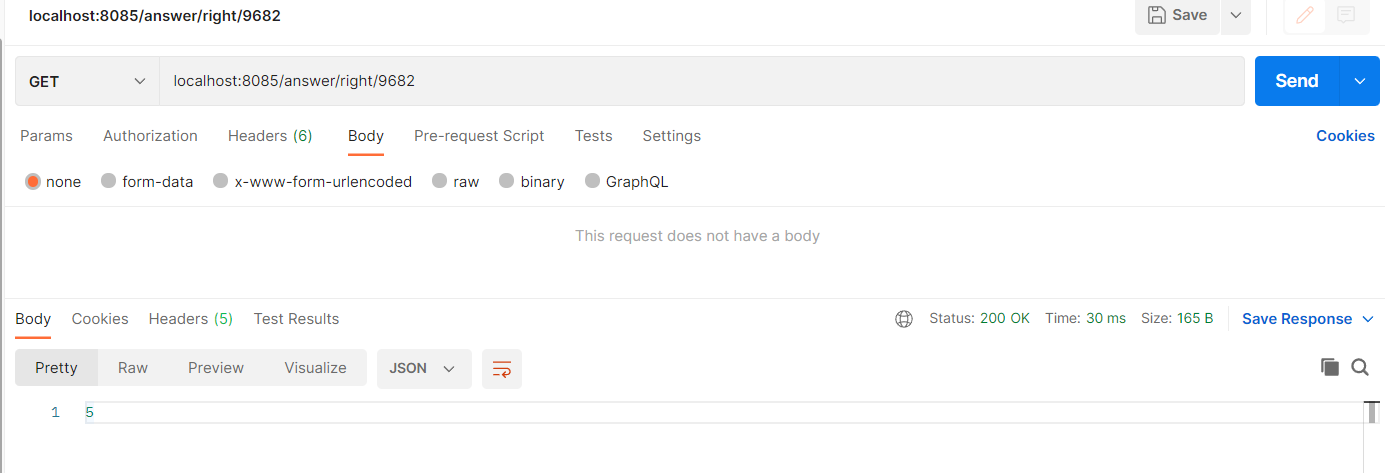
**Here two users have taken the quiz and their standings are**

****

**User can see their result:**

****

**The user with user id 9682 result is shown below based on number of correctly answered questions.**

****