

Applicant's name- Nikhil Shinde
Technology used – spring boot, Data JPA
Database used- Mysql

Github link –

<https://github.com/nikhils27/RestAPI-for-calorie-calculation.git>

Documentation

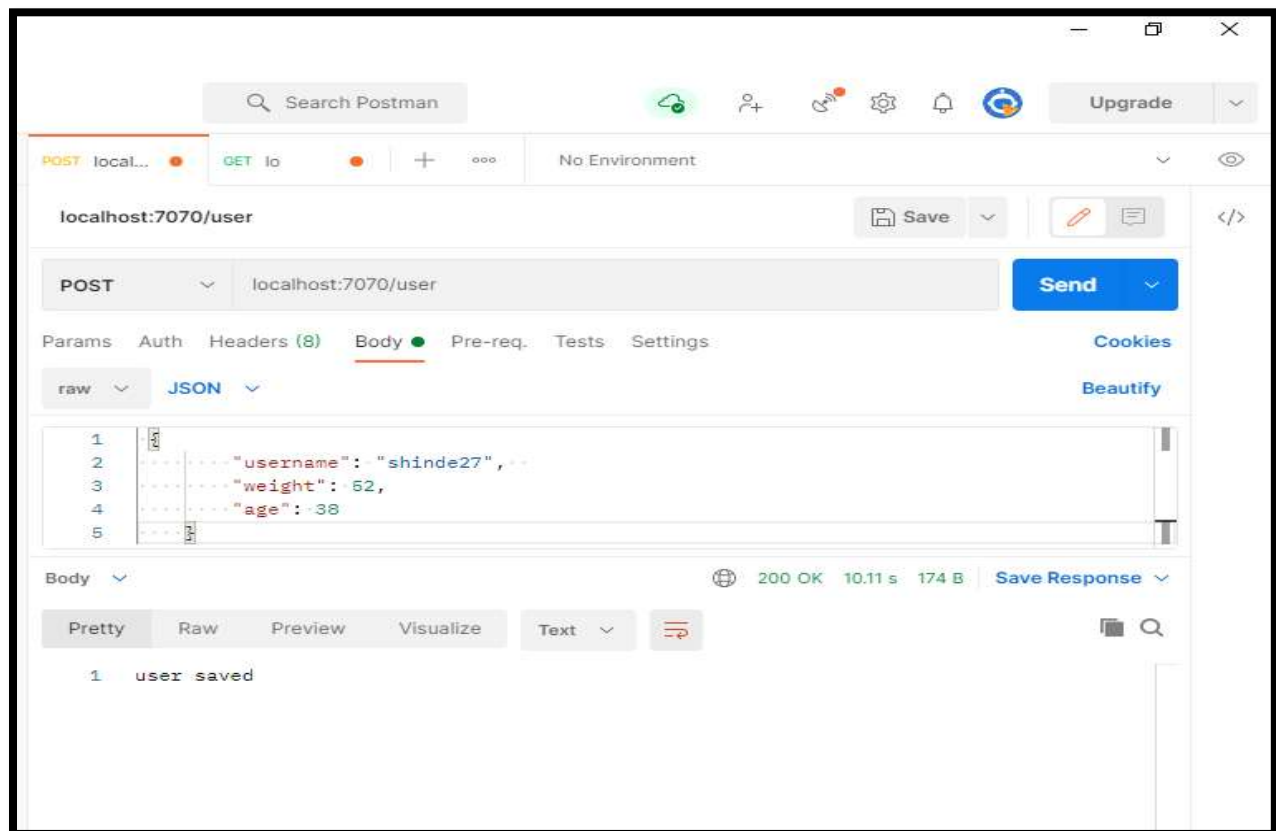
1) creating user profile

Method -- POST

URL -- localhost:7070/user

In request body pass username(unique, string type) , weight(int type), age(int type)

Output- user saved



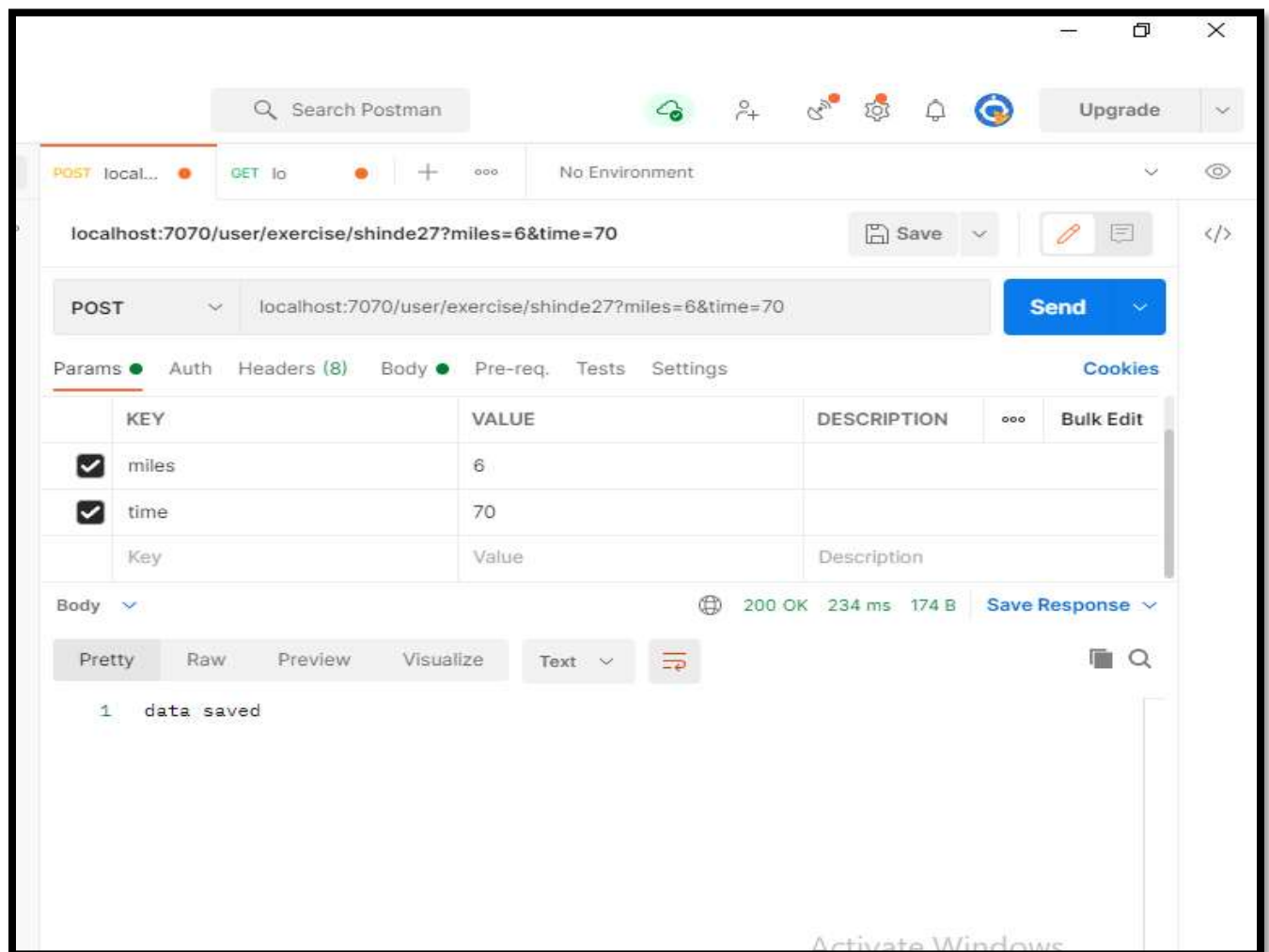
2) Adding exercise instance

Method -- POST

URL -- localhost:7070/user/{username}?miles=7&time=60

Here “miles” are distance in miles that covered and “time” is minutes taken to complete the distance.

Output- data saved .



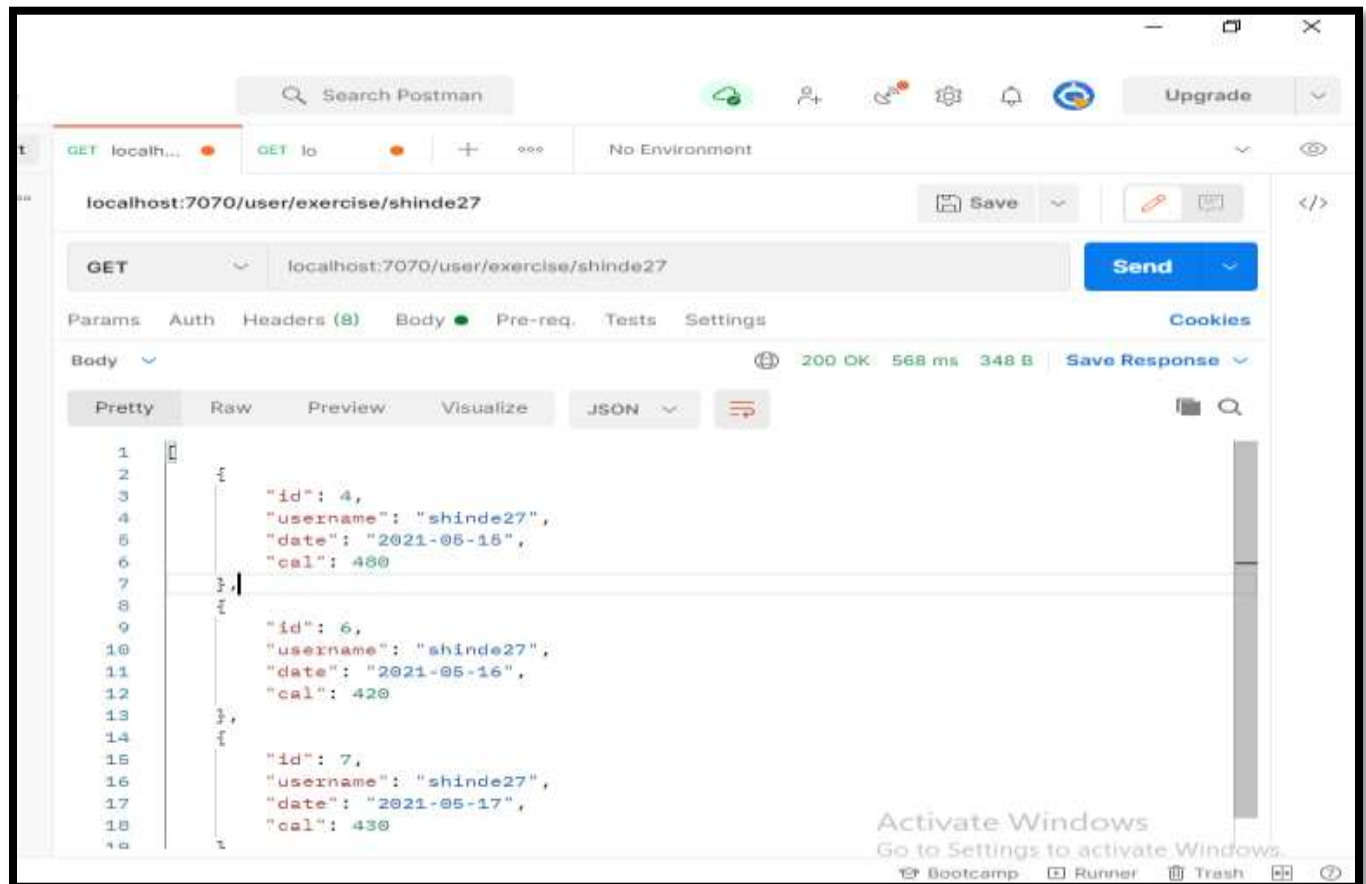
3) Get calories burned information for profile

Method – GET

URL – localhost:7070/user/exercise/{username}

Here "username" is username of user profile which we want to get calories information.

Output-



4) get total calories burned between dates x and y .

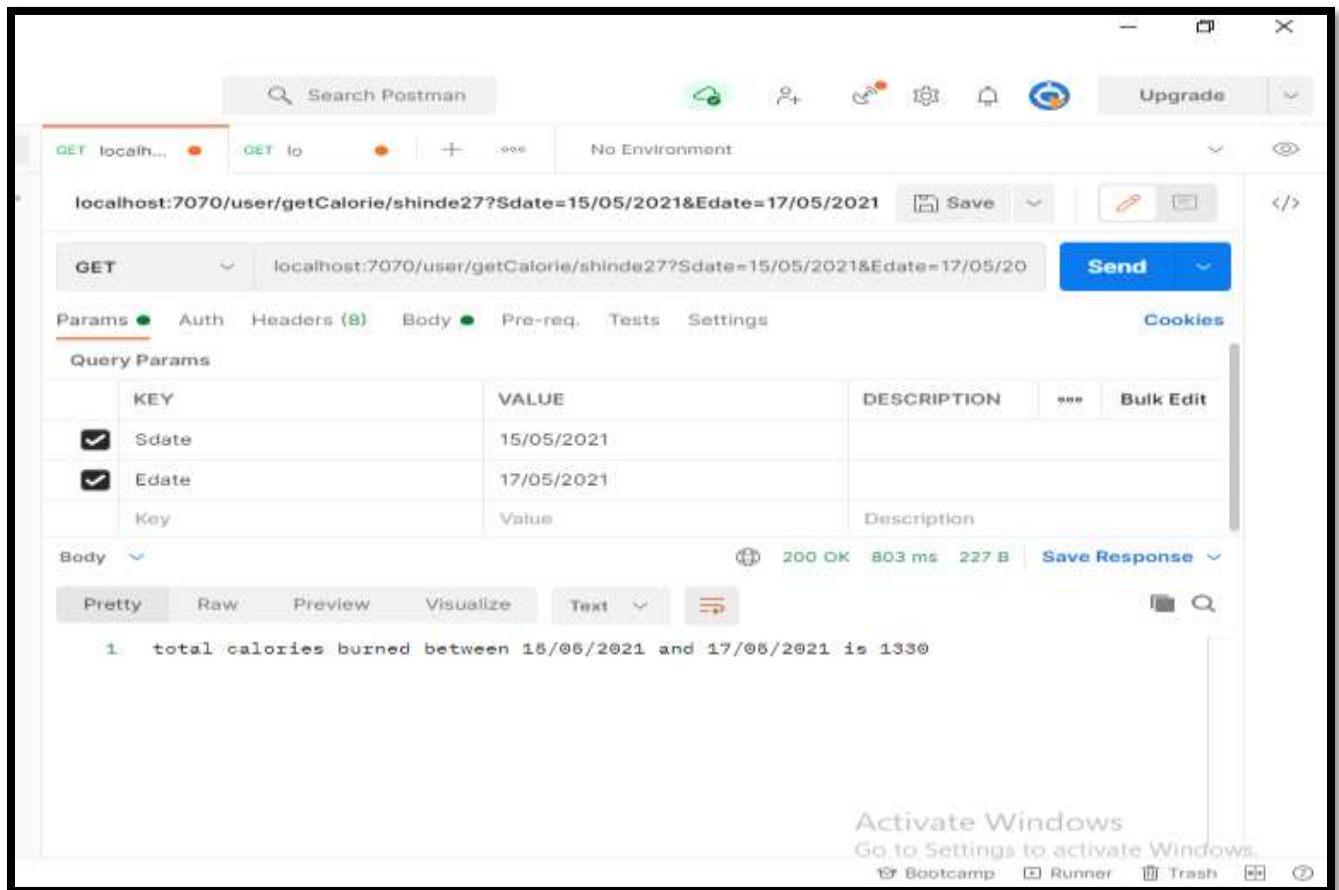
Method- GET

URL – localhost:7070/user/exercise/{username}?Sdate=14/05/2021&Edate=16/05/2021

Here “Sdate” is starting date and “Edate” is ending date in dd/MM/yyyy format

And “username” is username of user of which we want to calculate total calories

Output- total calories between 15/05/2021 and 17/05/2021 is 1330



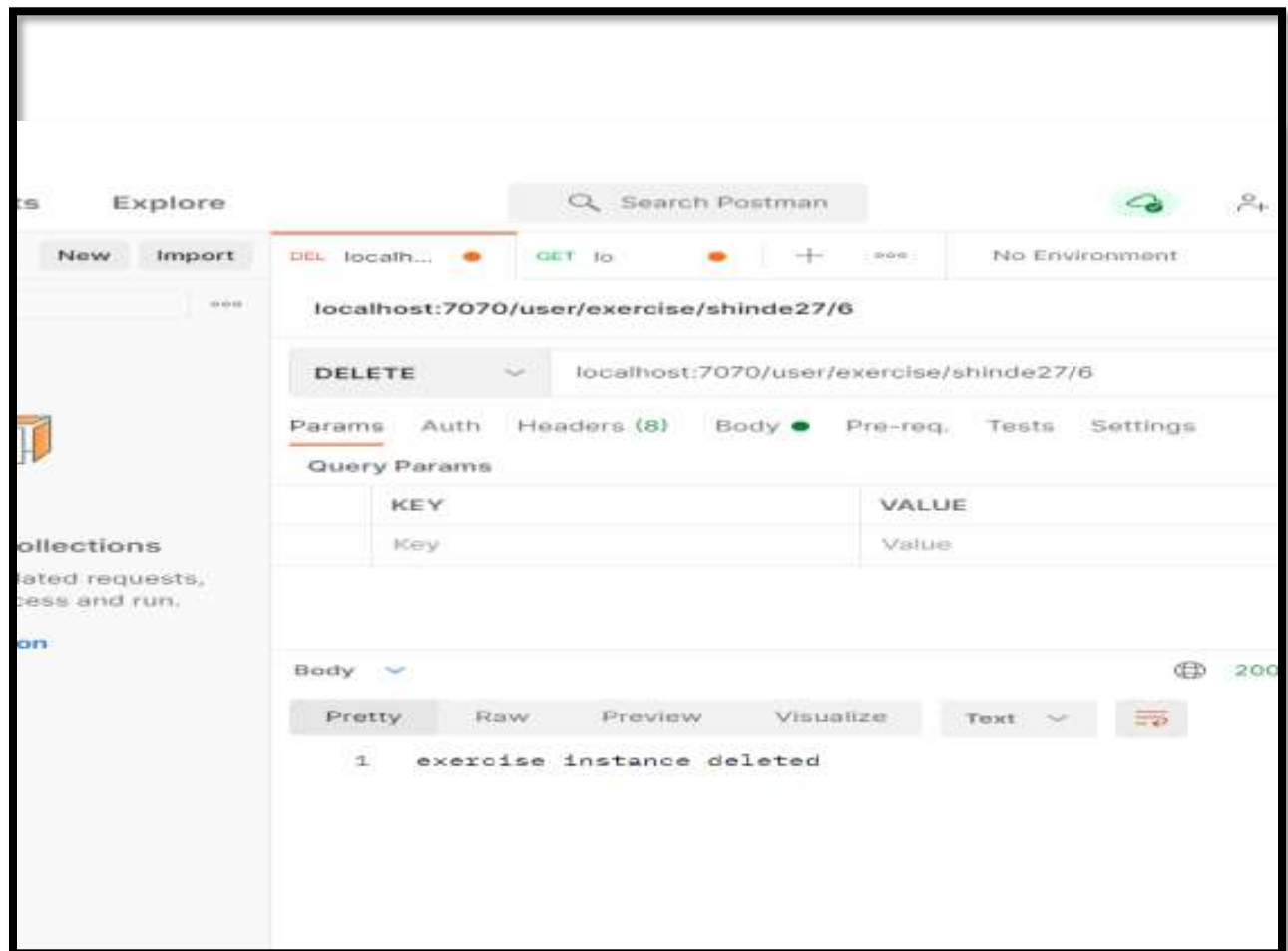
5) Remove exercise instance

METHOD – DELETE

URL – localhost:7070/user/exercise/{id}

Here “id” is the unique id provided to exercise instances

Output: exercise instance deleted.



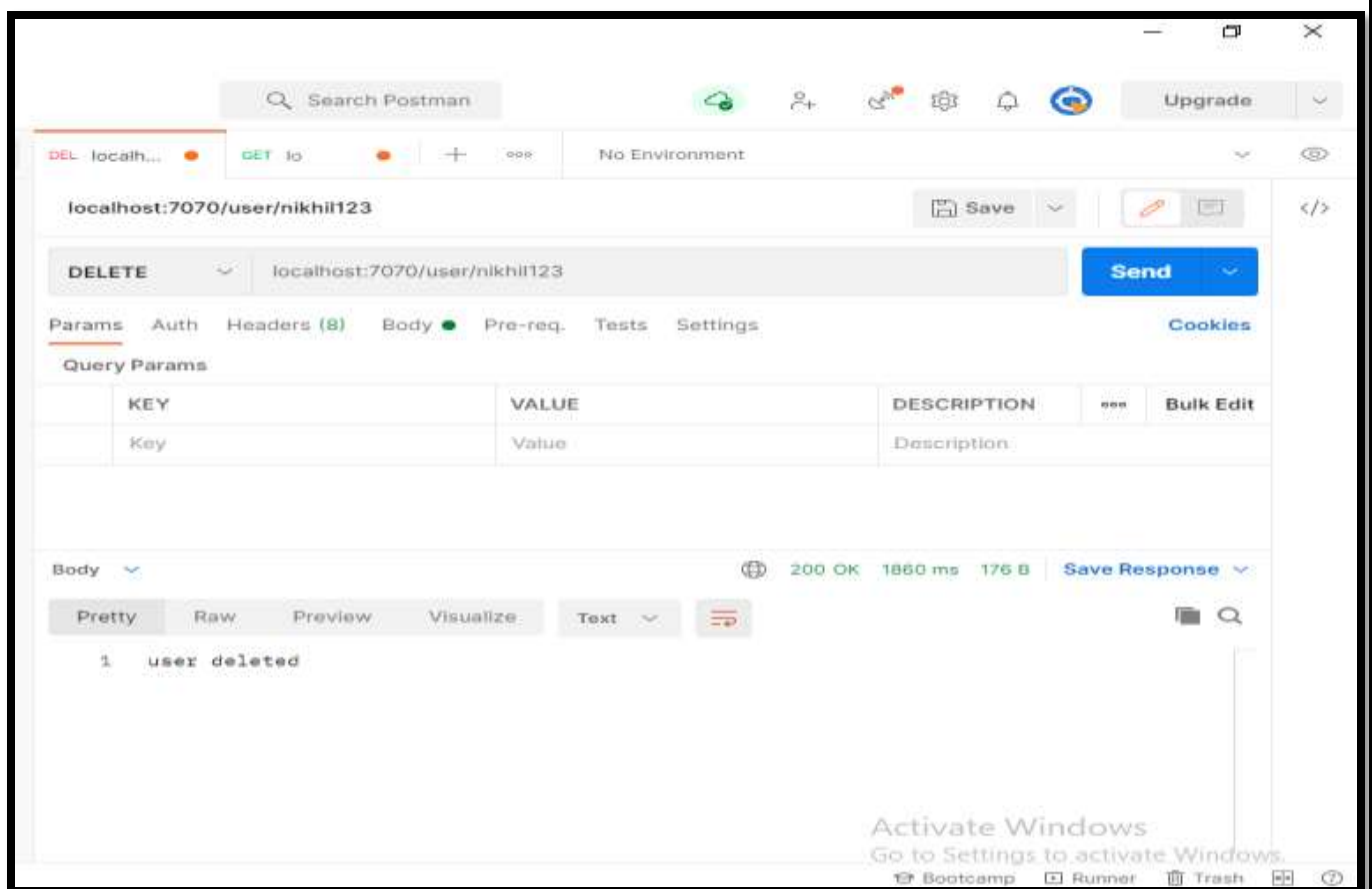
6) Remove user profile with its exercise instances

Method — DELETE

URL-- localhost:7070/user/exercise/{username}

Here “username” is username of user that we want to delete. Also it will delete all exercise instances related to that user profile.

Output- user deleted.



8) Update user profile

Method -- PUT

URL – localhost:7070/user

Here in request body pass the username(String),weight(int),age(int)
With updated values

Output- user updated.

