**Task**: implement endless ListView for SQLite db

**Details**:

1. Create simple database
   1. Create table ‘users’

|  |  |  |
| --- | --- | --- |
| id | first\_name | last\_name |

* 1. Fill the table with dummy data

for(int i=0; i<1000; i++){

    String firstName = “first\_name”+i;

    String lastName = “last\_name”+i;

    //TODO: insert into ‘users’

}

1. Create main activity and layout ListView on it
   1. ListView item format:

firstName+” ”+lastName

1. Create ListView and map it to the ‘users’ table
   1. Max elements in memory

static final int DEFAULT\_MAX\_ELEMENTS\_IN\_MEMORY = 50;

* 1. Provide possibility to autoload more elements on scroll

Create git-repository for the project and provide it’s link

Will be a plus: implement feature of changing cached elements instead of DEFAULT\_MAX\_ELEMENTS\_IN\_MEMORY to size specified from UI