

Lab 1.1: Relational Algebra

Before the lab:

Check your python version (Ubuntu)

```
$ python --version
```

Install RADB (Relational Algebra Database) (courtesy of Jun Yang)

if your installed python is 3.5 or higher then

```
$ pip install radb  
else
```

```
$ pip3 install radb.
```

Locate and place the file, beers.ra, (separate file) in your favorite folder of Ubuntu.

And then edit your .bashrc file as follows:

```
Add ~/.local/bin to your existing PATH  
PATH=~/.local/bin:$PATH  
export PATH
```

And then refresh your profile: `. .profile`

And then do the following sqlite database installation with the script beers.ra (separate file):

```
$ radb -i beers.ra beers.db
```

And then do the following for testing:

```
$radb beers.db
```

```
ra> \list;  
ra> \quit;
```

Your installation is complete.