

Writeup for Lab 1

Describe any design decisions you made.

I used `Stream` a lot, this is mostly just because I'm interested in it, and I think it is really cool. Besides, using `Stream` when implementing some iterators is really convenient. I don't like to make unnecessary wheels.

I used `ArrayList` in `TupleDesc`, because I think simple array is kind of hard to use, and there should not be any performance problem since it will not be modified.

Discuss and justify any changes you made to the API.

First I have to say that there are some typos in the README or the code. I was annoyed by lots of warnings, so I fixed them as what IDEA suggested.

I also added `.stream()` for `HeapPage`, because I want to use `Stream` in `HeapFileIterator`. This can avoid making wheels.

Describe any missing or incomplete elements of your code.

I am very very lazy, so any code unnecessary for lab1 is missing.

Describe how long you spent on the lab, and whether there was anything you found particularly difficult or confusing.

Lab 1 is easy. I spent three nights of a weekend to finish it, though much of the time was wasted on reading the README and try to installing the environment.

I suggest that this project should be updated, since time has passed a lot. Also the typos and warnings are annoying, please fix them if possible.