

Writeup Lab 1

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Describe any design decisions you made.

Nothing special.

In `BufferPool`, use one `Page` array and one boolean array to store the buffered `Page` and for future eviction policy implementation.

In `HeapFileIterator` of `HeapFile`, record the transaction ID `tid` and current page ID `pid` to have access to the iterator of tuples in `HeapPage`. Also use a flag `isclosed` to record the state of the iterator.

Discuss and justify any changes you made to the API.

None to my knowledge.

Describe any missing or incomplete elements of your code.

All the missing or incomplete elements (like eviction policy, transaction mechanism, etc.) are not required in this lab.

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

2 Days, including setting up the environment. Nothing particularly difficult, but I think the description of the implementation of iterators could be clearer since I'm a little bit confused in them when first saw the requirement.