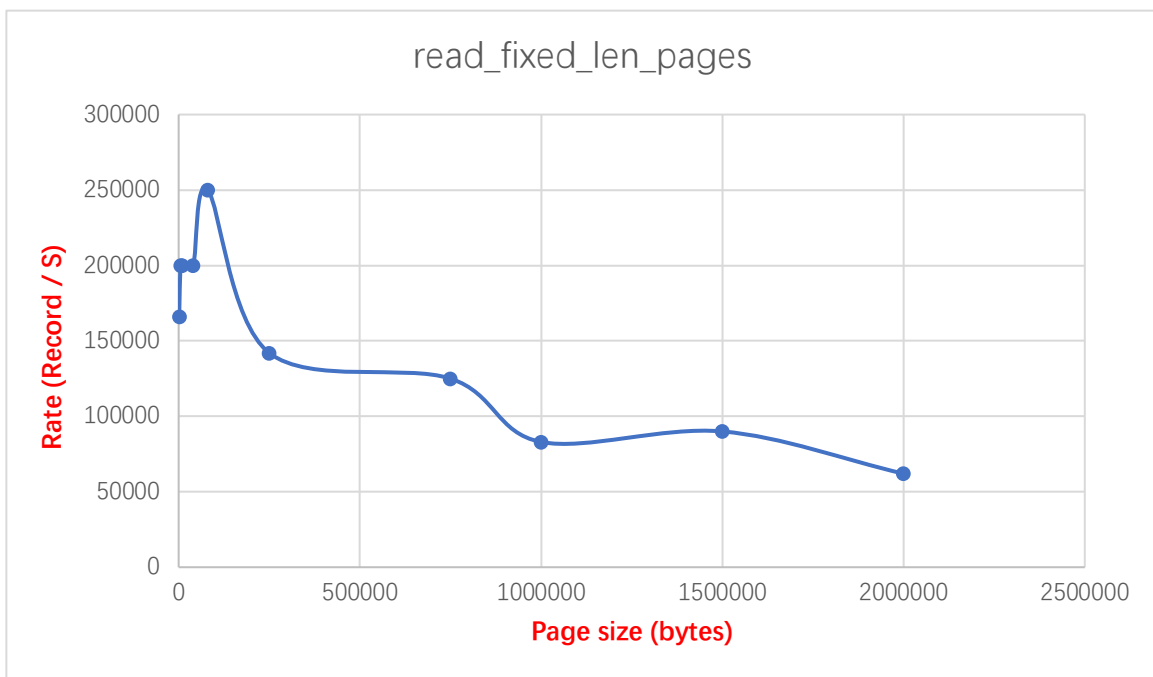
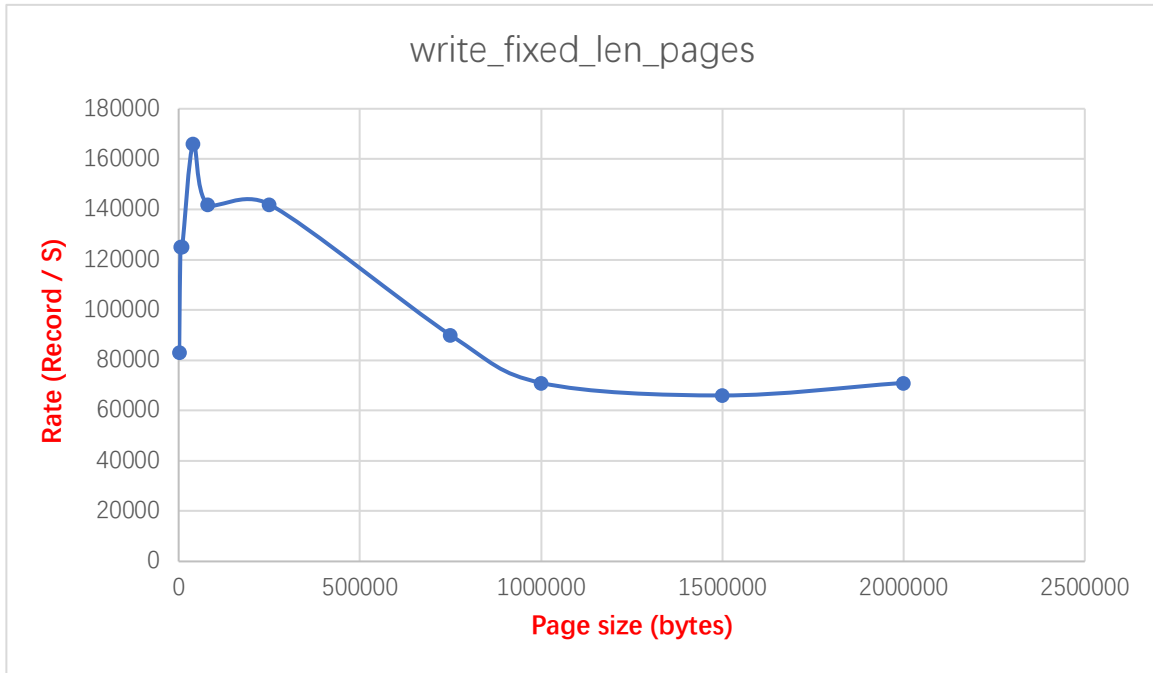


Report for part2: write_fixed_len_pages & read_fixed_len_pages

Total records: 1000 records

Script name: write_fixed_len_pages.sh & read_fixed_len_pages.sh

1)



2)

Page based format is superior to storing records using CSV since with we can directly locate the record with page header. And it also stores the offset and availability of the specific record location. If the record is not fixed-sized, storing in CSV has more troubles since we need to traverse the whole document to find a record or a specific attribute.

3)

The offset of the record is not stored in the page headers. Therefore, if the record size is not fixed, it's expensive to locate a record.

Secondly, The page size is not stored in the header, if we process the page file with a wrong page size, the output of reading will be messed up.