**Benchmark-Project 2**

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For the benchmarking, we selected three queries:

1, SELECT \* FROM Sailors WHERE Sailors.A < 100;

2, SELECT \* FROM Sailors WHERE Sailors.A > 300 AND Sailors.B < 1000;

3, SELECT \* FROM Sailors, Boats WHERE Sailors.A < 300 AND Boats.E < 200 AND Boats.E < 3000;

Here is our schema:

* Sailors A B C

We used the given Sailors file, where there are 10000 tuples and each attribute value was chosen uniformly at random in the range 0 to 10000.

* Boats D E F

We used the given Boats file, where there are 10000 tuples and each attribute value was chosen uniformly at random in the range 0 to 10000.

For Query 1, the index used is Sailors.A

For Query 2, the index used is Sailors.A

For Query 3, the index used is Sailors.A and Boats.E

Here is our result:

