

Name: Xiang Gu  
EID: xg2847  
HW5a

Per the assignment, below are a series of screenshots of me generating and loading 5,000,000 rows sorted in the primary key. It took me about 6 minutes to finish the process. Then I ran one of the three queries (query 1) and got 88 matching records.

```
xiang@SJTU:~/Desktop/School/UT_grad_school/First_Year/CS386D_DBMS/HW5$ javac test.java
xiang@SJTU:~/Desktop/School/UT_grad_school/First_Year/CS386D_DBMS/HW5$ java test
loading driver
driver loaded
Connecting to DB
Connected to DB
dropping table
creating table
generating 5000000 rows
generating 5000000 rows is done
inserting rows
inserting rows is done
Total time to insert 5000000 rows = 358.885s
```

```
p5=# select * from benchmark;
p5=# select *
p5-# from benchmark
p5-# where benchmark.columna = 25000;
```

thekey	columna	columnb	filler
18884	25000	14316	xyz
109885	25000	31964	xyz
212170	25000	9158	xyz
346415	25000	49913	xyz
334528	25000	16834	xyz
357686	25000	25877	xyz

4717420		25000		23462		xyz
---------	--	-------	--	-------	--	-----

4808366		25000		29756		xyz
---------	--	-------	--	-------	--	-----

4775204		25000		18684		xyz
---------	--	-------	--	-------	--	-----

4890892		25000		16444		xyz
---------	--	-------	--	-------	--	-----

4861011		25000		16394		xyz
---------	--	-------	--	-------	--	-----

4954850		25000		304		xyz
---------	--	-------	--	-----	--	-----

4952874		25000		25373		xyz
---------	--	-------	--	-------	--	-----

(88 rows)

(END)