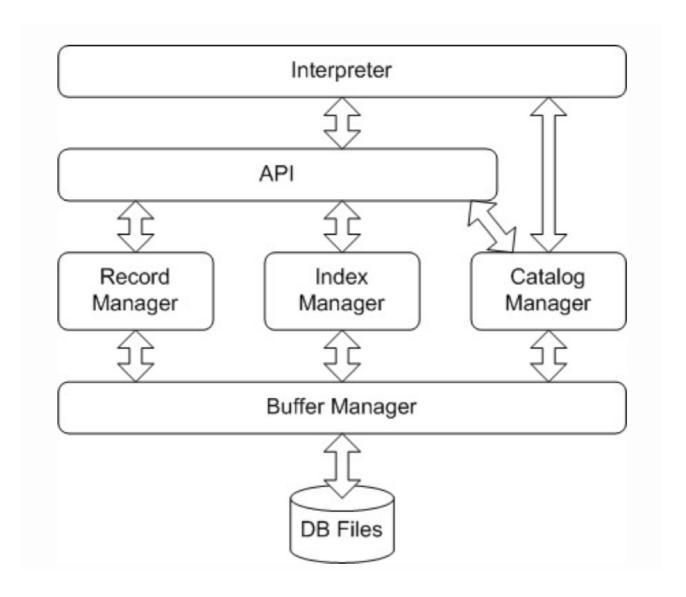
This is an implementation of a small DBMS, called mini-SQL, the structure of the project is as followed:



Some of the running results are as followed:

# 

#### 2. Insert

```
minisql> insert into student2 values(1080109991, 'name9991', 69);
statement 1: executed successfully, time used: 0.0548933s
minisql> insert into student2 values(1080109992, 'name9992', 50.5);
statement 1: executed successfully, time used: 0.0399902s
minisql> insert into student2 values(1080109993, 'name9993', 67.5);
statement 1: executed successfully, time used: 0.0378978s
minisql> insert into student2 values(1080109994, 'name9994', 97.5);
statement 1: executed successfully, time used: 0.0439189s
minisql> insert into student2 values(1080109995, 'name9995', 59.5);
statement 1: executed successfully, time used: 0.0388948s
minisql> insert into student2 values(1080109996, 'name9996', 65.5);
statement 1: executed successfully, time used: 0.0379352s
minisql> insert into student2 values(1080109997, 'name9997', 61);
statement 1: executed successfully, time used: 0.0967426s
minisql> insert into student2 values(1080109998, 'name9998', 84.5);
statement 1: executed successfully, time used: 0.0403548s
minisql> insert into student2 values(1080109999, 'name9999', 69.5);
statement 1: executed successfully, time used: 0.0399315s
minisql> insert into student2 values(1080110000, 'name10000', 80.5);
statement 1: executed successfully, time used: 0.0359288s
```

3. select (without index)

## 4. index with its performance

```
minisql> create index stuidx on student2 ( name ); statement 1: executed successfully, time used: 2.26624s
```

#### 5. delete

```
minisql> delete from student2 where score = 98.5;
statement 1: executed successfully, time used: 0.0568477s
minisql> select * from student2 where score = 98.5;
statement 1:
+---+----+
| id | name | score |
+---+----+
0 row returned
```

### 6. drop

```
minisql> drop table student2;
statement 1: executed successfully, time used: 0.0139553s
```