Subject: Homework #8

- I read two tutorials about mongoDB and pymongo in the following two links (http://www.tutorialspoint.com/mongodb/mongodb_create_database.htm)
 (http://api.mongodb.org/python/current/tutorial.html)
- 2. I did the modification on your to do application (app.py) to make it work with mongoDB to insert, delete, update, retrieve items to/from the database. See the following figures for the code and the execution of the code. See the following link for the code

https://github.com/farahshleemon/Advanced-DataBase_HWs/tree/master/HW%235

```
items.py - C:\Users\farah_000\Advance Database\HWs\HW#5\items.py (2.7.9)
File Edit Format Run Options Windows Help
 import pymongo
 from pymongo import MongoClient
from bson.objectid import ObjectId
conn = MongoClient()
db = conn.todo
 tasktable = db.tasktable
 def get items(status = -1):
    if (status >= 0):
         items = db.tasktable.find({"status": status})
        items = db.tasktable.find()
     return items
def new item(task, status):
    eid = db.tasktable.insert one({'task': task, 'status': status}).inserted id
 def get_item(id):
     item = items = db.tasktable.find_one({"_id": ObjectId(id)})
     return item
 def save_item(item):
    eid = item['_id']
     db.tasktable.update({'_id': ObjectId(eid)},{'$set':{'task':item['task'],'sta
 def discard item(id):
    eid = ObjectId(id)
    db.tasktable.remove({' id': eid})
if __name__ == "__main__":
    new_item("Do your Homework",0)
     new_item("Do your project",1)
     items = get_items(-1)
     for item in items:
        print (item)
    print ('----')
```





