

BIL 101 INTRODUCTION TO COMPUTER SCIENCE

HW 09

Due to 28/12/2016 - 23:55

IMPORTANT!

Submit 2 files to moodle. The name of your files should be:

YOURNUMBER_YOURNAME_YOURSURNAME

Any other name formats will lose points.

PART 1 (Submit to moodle / .py file)

```
class SortedList:
```

```
    theList = []
```

```
    def add(self, number):
```

```
    ...
```

```
    def remove(self, number):
```

```
    ...
```

```
    def printList(self):
```

```
    ...
```

```
    def binarSearch(self, number):
```

```
    ...
```

```
sorted = SortedList() #create a SortedList object
```

Fill the function definitions of the SortedList class given above. Test your class by calling the functions by using the object "sorted".

PART 2 (Submit moodle / .txt file)

Assume we have the database which is shown in lab hour. (www.w3schools.com/sql) Write the SQL queries that returns the following tables.

1. OrderID, CustomerName with 196 records
2. OrderID, FirstName (employee), LastName (employee) with 196 records
3. Country, ProductName, ShipperName with 518 records