Homework #1
CENG 437 – Software Quality Management

In this homework you are responsible of performing **three testing tasks** for the given Java Project with its source codes.

- Writing Unit Tests for each method in the class.
- Write also Boundary tests.
- Testing relationships between methods.

The given project belongs to a shipment company that stores items to be shipped. For each shipment along with their costs it calculates the shipping cost using the decision table below.

Shipping Cost Calculation N = number of items				
Purchase Amount	**<= $100**		**> $100**	
Number of Items (N)	**<= 3**	**> 3**	**<= 3**	**> 3**
Delivery in Next Day	25	N * $6.00	35	N * $7.50
Delivery in 2nd Day	10	N * $2.50	15	N * $3.50
Delivery in a week	N * $1.50	Free	10	N * $2.50

Please **do not modify or change the source codes** for the given Java project. To perform your testing tasks, you are going to use Junit. The tests you are going to perform should be positive tests and the test case you are going to write should be under the package *"iyte.edu.year2018.ceng437.hw01.test"*.

To run the project the Main class is also given in the **"iyte.edu.year2018.ceng437.hw01"** package. While you write your tests cases, you should only write the tests cases for the classes given under *"iyte.edu.year2018.ceng437.hw01"* package.

Submission Rules:

- **Due Date: 14.03.2018, 23:55**
- If any cheating is detected in your homework, will be graded as 0.
- Please submit your homework through CMS by exporting your Java Project.
- Please export your Java Project as the given format with your student ID: **StdID_CENG437_HW01.zip.** (Your group IDs are announced on CMS).