14:440:127– Introduction to Computers for Engineers
Project 01
Rutgers University, Fall 2010   Instructor- Brenda V. Cortez

INSTRUCTIONS: For this first project, you WILL be required to submit your **.m** script file. **Submission instructions** will be provided in an e-mail next week. Remember to report your collaborators' names, if any. The **Grading Rubric** is provided in this file. An automatic *zero* will be given for late or no submission.

1 Parking Cost:

Most major airports have separate lots for long-term, short-term, daily and/or other parking options for users of the airport. The cost to park depends on the lot you select, and how long you stay. First, you will **assume** that your costumers are honest and that when asked the time they have been parked, they do NOT lie. Second, you will use the cost chart available at *http://www.panynj.gov/airports/ewr-parking.html* from which you will use the information in the first 3 columns, **EXCEPT FOR THE SECOND ROW OF COLUMNS ONE AND TWO** (i.e. $6 for up to 1 hour). Write a program that calculates the user's bill based on the time they have been parked for. Below is a snapshot of the website's information:

Parking Lots & Rates at Newark Liberty Airport

Short Term Parking Lots A and B, and the C Parking Garage	Daily Parking Lot P3 and the P4 Parking Garage	Economy Long Term Parking Lot 6	Rat Per Dis
$3 for the first half hour or part	$3 for the first half hour or part	First 24 hours: $18 for up to 24 hours	$3 f first hou
$6 for up to 1 hour	$6 for up to 1 hour	Over First 24 hours: $6 for each 8-hour period or part thereafter	$6 u one
$3 for each half hour or part thereafter	$3 for each half hour or part thereafter		$3 f half part $18
Maximum rate is $33.00 for each 24-hour period	Maximum rate for P1/3 is $24.00 for each 24-hour period and for P4 $27.00		Sub day eac of p $18 ma

Grading Rubric:

Tests Grading:

0.5 pt = 1 Short Term Parking
1.0 pt = 1 Daily Parking P3
1.0 pt = 1 Daily Parking P4
0.5 pt = 1 Economic LT Parking
2.0 pt = Syntax (Use of Relational/Logical Operators/Conditional Statements)

5.0 points for PROJ01

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Remember to comment code, add collaborators' names
and FOLLOW INSTRUCTIONS!!

DUE DATE - Monday, September 27nd at 2pm.

EXAM 1 STARTS ON THURSDAY, SEPTEMBER 30, 2010!!
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