ParkingTicket Testing **(AS OF 15:46 ON 02/12/15)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Description** | **Registration**  **Number** | **Arrival Hour** | **Arrival Min** | **Pre-Paid?** | **Expiry Hour** | **Expiry Min** | **Compile?**  **(Y/N)** |
| Pre-Paid overstayed | Reg1 | 12 | 0 | y | 15 | 0 | **Y** |
| Pre-Paid till still valid | Reg2 | 13 | 0 | y | 23 | 59 | **Y** |
| Pre-Paid overstayed – with time expiry time greater than arrival | Reg3 | 11 | 0 | y | 1 | 0 | **Y with errors** |
| Pre-Paid overstayed by 1 minute | Reg4 | 15 | 20 | y | 15 | 45 | **Y** |
| Standard drive-up with capital ‘N’ | Reg5 | 8 | 20 | N | 0 | 0 | **Y** |
| Drive-Up: Whole Day | Reg6 | 17 | 0 | n | 0 | 0 | **Y** |
| Make sure if one validation fails, ticket isn’t processed. | Reg7 | 8 | -1 | N | 0 | 0 | **Y with errors** |
| Test everything is validated | 5445asdg8 | -15 | -1 | U | -14 | -1 | **Y with error** |

**NOTE**: Reg3 should work, for example if a customer parks at 23:00 and pre parks until 01:00 they should have 2 hours pre-paid. So assume this car park closes before midnight and rejects any offers to pre-pay until the following morning.

Console Output Table (Expected v Actual outputs)

* **Missed out Expected Transaction number because each transaction is uniquely generated at compile.**
* **“Should be charged!” means the customer would be asked to input a credit card, which would then be validated.**

|  |  |
| --- | --- |
| **Expected** | **Actual** |
| Transaction: …  Registration Number: reg1  Length Of Stay: 3 hours and 46 minutes  Amount Due: £4.23  -Written To Ticket Log-  Should be charged! | Transaction: 699bcfe4-775a-4759-9ffa-4b801ddb5c8a  Registration Number: reg1  Length Of Stay: 3 hours and 46 minutes  Amount Due: £4.23  -Written To Ticket Log-  Should be charged! |
| Transaction: …  Registration Number: reg2  Length Of Stay: 2 hours and 46 minutes  Amount Due: £0.00  -Written To Ticket Log- | Transaction: 4da01d51-990d-486e-8eee-0e00e9c3641d  Registration Number: reg2  Length Of Stay: 2 hours and 46 minutes  Amount Due: £0.00  -Written To Ticket Log- |
| Error with ticket! Invalid expiry time for pre-paid ticket, | Error with ticket! Invalid expiry time for pre-paid ticket, |
| Transaction: …  Registration Number: reg4  Length Of Stay: 0 hour and 26 minutes  Amount Due: £4.23  -Written To Ticket Log-  Should be charged! | Transaction: 2de50d9b-da1c-47fa-8679-4582e3e996c4  Registration Number: reg4  Length Of Stay: 0 hour and 26 minutes  Amount Due: £4.23  -Written To Ticket Log-  Should be charged! |
| Transaction: …  Registration Number: reg5  Length Of Stay: 7 hours and 26 minutes  Amount Due: £17.80  Written To Ticket Log  Should be charged! | Transaction: 5cf29b69-2da4-4634-9c01-73d05cc01dcc  Registration Number: reg5  Length Of Stay: 7 hours and 26 minutes  Amount Due: £17.80  -Written To Ticket Log-  Should be charged! |
| Transaction: …  Registration Number: reg6  Length Of Stay: 22 hours and 46 minutes  Amount Due: £23.70  -Written To Ticket Log-  Should be charged! | Transaction: 975c8ea8-4ad6-4460-b0b6-725501d242be  Registration Number: reg6  Length Of Stay: 22 hours and 46 minutes  Amount Due: £23.70  -Written To Ticket Log-  Should be charged! |
| Error with ticket! Invalid arrival min, | Error with ticket! Invalid arrival min, |
| Error with ticket! Invalid Number Plate, Invalid arrival hour, Invalid arrival min, Invalid input format, Invalid expiry hour, Invalid expiry min, | Error with ticket! Invalid Number Plate, Invalid arrival hour, Invalid arrival min, Invalid input format, Invalid expiry hour, Invalid expiry min, |

**Console Output for above “Actual Output”**

Transaction: 5186e9a8-1085-439c-9af3-1438e5b511e5

Registration Number: reg1

Length Of Stay: 3 hours and 46 minutes

Amount Due: £4.23

-Written To Ticket Log-

Should be charged!

Transaction: e192100e-e739-4210-b537-0c5278dd1738

Registration Number: reg2

Length Of Stay: 2 hours and 46 minutes

Amount Due: £0.00

-Written To Ticket Log-

Error with ticket! Invalid expiry time for pre paid ticket,

Transaction: 421e09db-04c3-4e96-bc79-7432f69458b2

Registration Number: reg4

Length Of Stay: 0 hour and 26 minutes

Amount Due: £4.23

-Written To Ticket Log-

Should be charged!

Transaction: 8b6a80e2-6183-43e4-92a5-89da8c21c06e

Registration Number: reg5

Length Of Stay: 7 hours and 26 minutes

Amount Due: £17.80

-Written To Ticket Log-

Should be charged!

Transaction: 180a2f93-219b-435e-8ee9-afc5848a9014

Registration Number: reg6

Length Of Stay: 22 hours and 46 minutes

Amount Due: £23.70

-Written To Ticket Log-

Should be charged!

Error with ticket! Invalid arrival min,

Error with ticket! Invalid Number Plate, Invalid arrival hour, Invalid arrival min, Invalid input format, Invalid expiry hour, Invalid expiry min,

Done