

MCO3: Transactions, Concurrency and Recovery

Test Script

ADVANDB S17

Submitted by:

Dy, Aakov Nikolei Loo

Mangubat, Veronica Adrianne Barredo

Palaca, John Sebastian Idea

Sanchez, David Arreza

Local Concurrency Control

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Case Number | Isolation Level | Input | Expected Output | Actual Output |
| 1 | Read uncommitted |  |  |  |
|  | Read committed |  |  |  |
|  | Read repeatable |  |  |  |
|  | Serializable |  |  |  |
| 2 | Read uncommitted |  |  |  |
|  | Read committed |  |  |  |
|  | Read repeatable |  |  |  |
|  | Serializable |  |  |  |
| 3 | Read uncommitted |  |  |  |
|  | Read committed |  |  |  |
|  | Read repeatable |  |  |  |
|  | Serializable |  |  |  |

Local Recovery

|  |  |  |  |
| --- | --- | --- | --- |
| Case Number | Input | Expected Output | Actual Output |
| 1 |  |  |  |
| 2 |  |  |  |

Global Concurrency Control

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Case Number | Isolation Level | Input | Expected Output | Actual Output |
| 1 | Read uncommitted |  |  |  |
|  | Read committed |  |  |  |
|  | Read repeatable |  |  |  |
|  | Serializable |  |  |  |
| 2 | Read uncommitted |  |  |  |
|  | Read committed |  |  |  |
|  | Read repeatable |  |  |  |
|  | Serializable |  |  |  |
| 3 | Read uncommitted |  |  |  |
|  | Read committed |  |  |  |
|  | Read repeatable |  |  |  |
|  | Serializable |  |  |  |

Global Recovery

|  |  |  |  |
| --- | --- | --- | --- |
| Case Number | Input | Expected Output | Actual Output |
| 1 |  |  |  |
| 2 |  |  |  |