**1. Transaction Logs**

Below, you see a transaction table where the logs of transactions between accounts are stored. Write a query to return the change in net worth for each user, ordered by decreasing net change.

**Transactions:**

|  |  |  |  |
| --- | --- | --- | --- |
| Sender\_ID | Receiver\_ID | Amount | Transaction\_Date |
| 55 | 22 | 500 | 18.05.2021 |
| 11 | 33 | 350 | 19.05.2021 |
| 22 | 11 | 650 | 19.05.2021 |
| 22 | 33 | 900 | 20.05.2021 |
| 33 | 11 | 500 | 21.05.2021 |
| 33 | 22 | 750 | 21.05.2021 |
| 11 | 44 | 300 | 22.05.2021 |

**Desired Output:**

|  |  |
| --- | --- |
| Account\_ID | Net\_Change |
| 11 | 500 |
| 44 | 300 |
| 33 | 0 |
| 22 | -300 |
| 55 | -500 |

1. *Create above table (transactions) and insert values,*
2. Sum amounts for each sender (debits) and receiver (credits),
3. Full (outer) join debits and credits tables on account id, taking net change as difference between credits and debits, coercing nulls to zeros with coalesce()