**Nama : Muhammad Yusuf**

**Koda batch 3**

A screenshot of a computer

AI-generated content may be incorrect.

**Jawaban :**

select id, title, release\_date, rating from movies where release\_date between '2020-01-01 00:00:00' and '2020-12-31 23:59:59';

select id, name from actors where name ilike '%s';

select id, title, release\_date, rating from movies where (rating between 4 and 7) and (release\_date between '2004-01-01 00:00:00' and '2010-12-31 23:59:59');

**Normalisasikan !!**

A screenshot of a computer

AI-generated content may be incorrect.

**2NF**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **LoanID** | **MemberID** | **BookISBN** | **LoanDate** | **DueDate** | **Fee** |
| L1001 | M201 | 978-1234567890 | 2023-10-01 | 2023-10-15 | 0.00 |
| L1002 | M202 | 978-0987654321 | 2023-10-02 | 2023-10-16 | 2.50 |
| L1003 | M201 | 978-55555555555 | 2023-10-05 | 2023-10-19 | 0.00 |
| L1004 | M201 | 978-0987654321 | 2023-10-10 | 2023-10-24 | 0.00 |

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| **MemberID** | **MemberName** |
| M201 | Alice Chan |
| M202 | Bob Smith |

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| --- | --- | --- |
| **BookISBN** | **BookTitle** | **Author** |
| 978-1234567890 | The Great Novel | A.Author |
| 978-0987654321 | Databasae Fundamentals | B.Winter |
| 978-55555555555 | History of things | C.Historian |

**3NF**

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| --- | --- | --- | --- | --- | --- |
| **LoanID** | **MemberID** | **BookISBN** | **LoanDate** | **DueDate** | **Fee** |
| L1001 | M201 | 978-1234567890 | 2023-10-01 | 2023-10-15 | 0.00 |
| L1002 | M202 | 978-0987654321 | 2023-10-02 | 2023-10-16 | 2.50 |
| L1003 | M201 | 978-55555555555 | 2023-10-05 | 2023-10-19 | 0.00 |
| L1004 | M201 | 978-0987654321 | 2023-10-10 | 2023-10-24 | 0.00 |

|  |  |
| --- | --- |
| **MemberID** | **MemberName** |
| M201 | Alice Chan |
| M202 | Bob Smith |

|  |  |  |
| --- | --- | --- |
| **BookISBN** | **BookTitle** | **Author** |
| 978-1234567890 | The Great Novel | A0004 |
| 978-0987654321 | Databasae Fundamentals | A0003 |
| 978-55555555555 | History of things | A0016 |

|  |  |
| --- | --- |
| **id** | **Author** |
| A0004 | A.Author |
| A0003 | B.Winter |
| A0016 | C.Historian |