1NF(FIRST NORMAL FORM):

BEFORE 1NF

|  |  |  |
| --- | --- | --- |
| Sno | Name | Typeofdance |
| 4 | Aryan | Contemporary  Jazz |
| 1 | Aditya | Jazz |

AFTER 1NF

|  |  |  |
| --- | --- | --- |
| Sno | Name | Typeofdance |
| 4 | Aryan | Contemporary |
| 4 | Aryan | Jazz |
| 1 | Aditya | Jazz |

2NF(SECOND NORMAL FORM)

BEFORE 2NF

|  |  |  |
| --- | --- | --- |
| SNO | ADDRESS | AGE |
| 2 | VIJAYAWADA | 32 |
| 4 | VELLORE | 21 |
| 3 | MUMBAI | 15 |

**Candidate Keys:**{sno,address}

**Non prime attribute:** age

AFTER 2NF

|  |  |
| --- | --- |
| SNO | AGE |
| 2 | 32 |
| 4 | 21 |
| 3 | 15 |

|  |  |
| --- | --- |
| SNO | ADDRESS |
| 2 | VIJAYAWADA |
| 4 | VELLORE |
| 3 | MUMBAI |

3NF(THIRD NORMAL FORM)

BEFORE 3NF

|  |  |  |  |
| --- | --- | --- | --- |
| Sno | Dance | Features | Fee |
| 1 | Hiphop | Mcing | 300 |
| 2 | Ballet | Turn out | 1000 |
| 3 | Kuchipudi | Mudras | 600 |

**Super keys:**{sno},{sno,dance},{sno,dance,features},{sno,dance,features,fee}

**Candidate keys:** {sno}

**Non prime attributes:** all attributes except sno

AFTER 3NF

|  |  |
| --- | --- |
| SNO | DANCE |
| 1 | Hiphop |
| 2 | Ballet |
| 3 | Kuchipudi |

|  |  |  |
| --- | --- | --- |
| Dance | Features | Fee |
| Hip hop | Mcing | 300 |
| Ballet | Turn out | 1000 |
| Kuchipudi | Mudras | 600 |