1st Normal Forms

|  |  |
| --- | --- |
| Code | Key |
|  | Primary key |
|  | Foreign key |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| code | name | address | CreditCode | Credit($) | Credit Approval date |
| C12 | A. Black | 3 Manchester Road | CC2 | 1000 | 07/02/2017 |
| C12 | A. Black | 3 Manchester Road | CC2 | 1000 | 07/02/2017 |
| C15 | B. White | 5 Blackpool Street | CC3 | 1500 | 07/02/2017 |
| C25 | B. White | 5 Blackpool Street | CC3 | 1500 | 07/02/2017 |
| C21 | G. Brown | 4 Fishergate | CC3 | 1500 | 12/03/2017 |
| C22 | E. Gray | 6 Channel Way | CC2 | 1000 | 03/12/2018 |
| C25 | J. Gray | 6 Channel Way | CC1 | 500 | 18/12/2018 |
| C15 | B. White | 7 Moorside Drive | CC3 | 1500 | 07/02/2017 |

|  |  |  |  |
| --- | --- | --- | --- |
| CODE | ItemCode | Description | DeliveryDate |
| O212 | P134 | Tumble Dryer | 11/02/2020 |
| O231 | P150 | Fridge | 21/05/2020 |
| O226 | P134 | Tumble Dryer | 14/02/2020 |
| O226 | P138 | Dish Washer | 16/02/2020 |
| O229 | P160 | Freezer | 22/12/2020 |
| O334 | P140 | Washing Machine | 22/12/2020 |
| O421 | P170 | Microwave Oven | 11/02/2020 |
| O526 | P144 | Washing Machine | 17/10/2021 |

CCUSTOMER

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| code | name | address | CreditCode | Credit($) | Credit Approval date |
| C12 | A. Black | 3 Manchester Road | CC2 | 1000 | 07/02/2017 |
| C12 | A. Black | 3 Manchester Road | CC2 | 1000 | 07/02/2017 |
| C15 | B. White | 5 Blackpool Street | CC3 | 1500 | 07/02/2017 |
| C25 | B. White | 5 Blackpool Street | CC3 | 1500 | 07/02/2017 |
| C21 | G. Brown | 4 Fishergate | CC3 | 1500 | 12/03/2017 |
| C22 | E. Gray | 6 Channel Way | CC2 | 1000 | 03/12/2018 |
| C25 | J. Gray | 6 Channel Way | CC1 | 500 | 18/12/2018 |
| C15 | B. White | 7 Moorside Drive | CC3 | 1500 | 07/02/2017 |

2nd Normal forms

|  |  |  |  |
| --- | --- | --- | --- |
| CODE | ItemCode | Description | DeliveryDate |
| O212 | P134 | Tumble Dryer | 11/02/2020 |
| O231 | P150 | Fridge | 21/05/2020 |
| O226 | P134 | Tumble Dryer | 14/02/2020 |
| O226 | P138 | Dish Washer | 16/02/2020 |
| O229 | P160 | Freezer | 22/12/2020 |
| O334 | P140 | Washing Machine | 22/12/2020 |
| O421 | P170 | Microwave Oven | 11/02/2020 |
| O526 | P144 | Washing Machine | 17/10/2021 |

|  |
| --- |
| CODE |
| C12 |
| C12 |
| C15 |
| C25 |
| C21 |
| C22 |
| C25 |
| C15 |

|  |
| --- |
| CODE |
| O212 |
| O231 |
| O226 |
| O226 |
| O229 |
| O334 |
| O421 |
| O526 |

3rd Normal Form.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| code | name | address | CreditCode | Credit($) | Credit Approval date |
| C12 | A. Black | 3 Manchester Road | CC2 | 1000 | 07/02/2017 |
| C12 | A. Black | 3 Manchester Road | CC2 | 1000 | 07/02/2017 |
| C15 | B. White | 5 Blackpool Street | CC3 | 1500 | 07/02/2017 |
| C25 | B. White | 5 Blackpool Street | CC3 | 1500 | 07/02/2017 |
| C21 | G. Brown | 4 Fishergate | CC3 | 1500 | 12/03/2017 |
| C22 | E. Gray | 6 Channel Way | CC2 | 1000 | 03/12/2018 |
| C25 | J. Gray | 6 Channel Way | CC1 | 500 | 18/12/2018 |
| C15 | B. White | 7 Moorside Drive | CC3 | 1500 | 07/02/2017 |

|  |
| --- |
| Code |
| C12 |
| C12 |
| C15 |
| C25 |
| C21 |
| C22 |
| C25 |
| C15 |

|  |
| --- |
| Code |
| O212 |
| O231 |
| O226 |
| O226 |
| O229 |
| O334 |
| O421 |
| O526 |

|  |  |  |
| --- | --- | --- |
| CODE | ItemCode | DeliveryDate |
| O212 | P134 | 11/02/2020 |
| O231 | P150 | 21/05/2020 |
| O226 | P134 | 14/02/2020 |
| O226 | P138 | 16/02/2020 |
| O229 | P160 | 22/12/2020 |
| O334 | P140 | 22/12/2020 |
| O421 | P170 | 11/02/2020 |
| O526 | P144 | 17/10/2021 |

|  |  |
| --- | --- |
| ItemCode | Description |
| P134 | Tumble Dryer |
| P150 | Fridge |
| P134 | Tumble Dryer |
| P138 | Dish Washer |
| P160 | Freezer |
| P140 | Washing Machine |
| P170 | Microwave Oven |
| P144 | Washing Machine |