Normal Form Questions

1- It is not in 1NF because of multi valued attribute

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | State | No | Country | Coach | Against | Date | Run |
| Sachin Tendulkar | Maharashtra | 11 | India | Greg Chappel | Pakistan | 12/3/03 | 95 |
| Sachin Tendulkar | Maharashtra | 11 | India | Greg Chappel | Pakistan | 25/3/03 | 22 |
| Sachin Tendulkar | Maharashtra | 11 | India | Greg Chappel | England | 29/3/03 | 88 |
| Adam Gilchrist | Wes Aus | 34 | Aus | J. Buchanan | S. Africa | 10/3/03 | 42 |
| Adam Gilchrist | Wes Aus | 34 | Aus | J. Buchanan | S. Africa | 11/3/03 | 61 |
| Adam Gilchrist | Wes Aus | 34 | Aus | J. Buchanan | NZ | 12/3/03 | 62 |

2- Player State is functionally dependent on Player Country

3- Table 1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | State | No | Country | Coach |
| Sachin Tendulkar | Maharashtra | 11 | India | Greg Chappel |
| Adam GilChrist | Wes Aus | 34 | Aus | J. Buchana |

Table 2

|  |  |  |  |
| --- | --- | --- | --- |
| No | Against | Date | Run |
| 11 | Pakistan | 12/3/03 | 95 |
| 11 | Pakistan | 25/3/03 | 22 |
| 11 | England | 29/3/03 | 88 |
| 34 | S. Africa | 10/3/03 | 42 |
| 34 | S. Africa | 11/3/03 | 61 |
| 34 | NZ | 12/3/03 | 62 |

4-