Lab #1

Find the functional dependencies in the following table.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Date** | **EmpID** | **EmpName** | **EmpDept** | **HourlyRate** | **HrsWorked** |
| 8/27/2015 | 1 | Joe | Acct. | 25 | 8 |
| 8/27/2015 | 2 | Lisa | Acct. | 25 | 8 |
| 8/27/2015 | 3 | Harry | Marketing | 25 | 8 |
| 8/27/2015 | 4 | John | Acct. | 25 | 10 |
| 8/27/2015 | 5 | Mary | IT | 35 | 8 |
| 8/27/2015 | 6 | Lisa | IT | 35 | 8 |
| 8/28/2015 | 1 | Joe | IT | 35 | 8 |
| 8/28/2015 | 2 | Lisa | IT | 35 | 7 |
| 8/28/2015 | 3 | Harry | Acct. | 25 | 10 |
| 8/28/2015 | 4 | John | Acct. | 25 | 8 |
| 8/28/2015 | 5 | Mary | Acct. | 25 | 8 |
| 8/28/2015 | 6 | Lisa | Acct. | 25 | 9 |
|  |  |  |  |  |  |

(Date, EmpID)🡪( EmpName, EmpDept, HourlyRate, HrsWorked)

EmpID 🡪 EmpName

EmpDept 🡪HourlyRate

(Date, EmpID, EmpName) 🡪EmpDept

(Date, EmpID, EmpDept) 🡪 HrsWorked