|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Student\_id | Student\_name | Enrollment\_date | Course\_id | Course\_name | Course\_catgeory | instructor | Room\_no | Result\_date | Marks | Grade |
| 101 | Joydip | 1/1/2021 | C001 | Java | PL | Venu | 4 | 1/2/2021 | 82 | A |
| 102 | Banu | 1/1/2021 | C002 | SQL | DB | Semant | 5 | 1/2/2021 | 67 | C |
| 103 | Ram | 1/2/2021 | C001 | Java | PL | Ravi | 3 | 1/4/2021 | 78 | B |
| 104 | Vinod | 1/3/2021 | C002 | SQL | DB | Priya | 2 | 1/11/2021 | 89 | A |
| 105 | Phani | 1/4/2021 | C001 | Java | PL | Venu | 4 | NULL | NULL | NULL |
| 101 | Joydip | 1/1/2021 | C002 | SQL | DB | Semant | 5 | 1/2/2021 | 85 | A |

X (marks) 🡪Y (grade)

>= 80 A

>= 70 B

>= 60 C

>=50 D

>= 35 E

Student#

Student# 🡪 Course#

Student#, Course# 🡪 Marks#

Student#, Course#, CourseName, Marks, Grade

Course# 🡪 course name

Marks 🡪 grade

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Entry\_id | Author\_id | Author\_name | Location | Book\_id | Book\_name | Price | Year |
| 1 | 1 | Joy | Bangalore | 1 | C# | 499 | 2019 |
| 2 | 2 | Anil | Chennai | 1 | C# | 499 | 2019 |
| 3 | 1 | Joy | Bangalore | 2 | Java | 599 | 2020 |

|  |  |  |
| --- | --- | --- |
| Author\_id | Author\_name | Author\_location |
| 1 | Joy | Bangalore |
| 2 | Anil | Chennai |

|  |  |  |  |
| --- | --- | --- | --- |
| book\_id | book\_name | Price | year |
| 1 | C# | 499 | 2019 |
| 2 | Java | 599 | 2020 |

Association table (n-n)

|  |  |
| --- | --- |
| book\_id (fk) | Author\_id (fk) |
| 1 | 1 |
| 1 | 2 |
| 2 | 1 |