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| **Table Name:** **MSC\_ASQPM**   |  |  |  | | --- | --- | --- | | **Column name** | **Data type/size** | **Constrain** | | Students\_Id | Varchar2/10 | Primary key/first letter must start with ‘S’ | | Students\_name | Varchar2/20 | Not null | | Sex | Varchar2/5 | Sex:’F’/’M’ | | Address | Varchar2/30 |  | | City | Varchar2/10 | Not null | | Pincode | Numeric/10 | Not compulsory | | Mobile\_no | Number/10 |  | | Graduation\_course | Varchar2/10 | Not null | | Fees\_pay | Number/10 |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **S\_ID** | **Name** | **Sex** | **Address** | **City** | **Pincode** | **Mobile** | **course** | **Fees** | | S1001 | Aatish Shah | M | NearJain Derasar, | Khambhat | 388580 | 9586346962 | BBA | 22000 | | S1212 | Diwan Asifsha | M | Diwan faliyu near bus stop | Ahmedabad | 366120 | 8460253067 | BCOM | 20000 | | S1324 | Mikesh prajapati | M | Ram krushna ganj | Vadodara | 366210 | 8886521340 | BE | 22000 | | S1002 | Priyanka Patel | F | Raj path near sai baba mandir | Anand | 388120 | 6663421764 | BBA | 20000 | | S1451 | Akash Shah | M | Luharvada,  Nadiyadi Darwaja | Mahemdabad |  | 9408724163 | BCOM | 20000 | | S3421 | Harijitsingh bagga | M | Satellite road | Ahmedabad | 366119 | 7821345367 | BSC | 15000 | | S6532 | Meera Patel | F | Vridavan Chock | Rajkot | 366452 | 8885432341 | BBA | 20000 | | S5831 | Ruhi Trivedi | F | Radha Krishna | VVnagar | 388001 | 9994532314 | BE | 20000 | | S1521 | Vraj Patel | M | 21, shiva near 80 feet road | valsad | 3888661 | 7773421654 | BCOM | 10000 | | S1920 | Pari rajput | F | Ramnuj park | vvnagar | 388001 | 8885643231 | BBA | 15000 |   **Table Name: Project1\_Details\_ASQPM**   |  |  |  | | --- | --- | --- | | **Column name** | **Data type/size** | **Constrain** | | Students\_id | Varchar2/10 | Foreign key | | Project\_specialisation | Varchar2/10 | Not null | | Project\_company | Varchar2/20 | mandatory | | Project\_mentor | Varchar2/20 | Not compulsory | | Reporting\_date | date |  | | Project\_status | Varchar2/20 | Values (in process, finished, reject, rework) |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Stu\_id** | **Project\_speci.** | **Project\_com** | **Project\_mentor** | **Reporting\_date** | **Project\_status** | | S1001 | Six Sigms | AMUL | Pro. Anuj patel | 02-dec-2015 | In process | | S1212 | ISO | Manorial association | Mr. vedant Vyas | 15-dec-2015 | In process | | S1324 | Six Sigma | Vidya wires | Mrs. Paridhi desai | 12-jan-2016 | reject | | S1451 | ISO | GQS | Pro. Rachna trivedi | 21-dec-2015 | In process | | S1002 | Marketing research | Neilsen | Ms. Kalpana shah | 1-jan-2016 | In process | | S5831 | Six Sigma | IQR consultancy | Mrs. Paridhi desai | 31-jan-2016 | rework | | S3421 | Finace management | State bank india | Mr. rahul Parmar | 22-feb-2016 | In process | | S1521 | Marketing management | IQR consultancy | Pro. Pinakin Gochar | 19-march-2016 | finished | | S6532 | ISO | Punyam consultancy | Ms. Devanshi vohra | 21-april-2016 | finished | | S1920 | Sig Sigma | Prescribe plastic house | Prof. Alap patel | 26-dec-2015 | rework | |
| **Solve the Queries based on above table (Any 20)** |
| * Find out the name and graduation course of the student. |
| * Describe both the table. |
| * List out various project available. |
| * Select all the information from those record students name start with A. |
| * Extent the reporting date ISO project 26-dec-2015. |
| * Select all information for those records where the second character in the project company is Q. |
| * Create new table from project\_detail table and name it as project1\_data\_IV which contain only the column students id, project specialization, project\_company and project mentor. |
| * Search those students who take specialization ISO. |
| * Search for those students which have specialization in six sigma and project mentor paridhi desai. |
| * List the name , city and mobile number of students who are not in the city of vvnagar. |
| * List out the fees less than 22000 calculate new fees \*10. Rename the new column in the out put of the above query as new\_fees. |
| * Create a new column named Guide\_name having same type size like project mentor and copy the data from project\_mentor column to guide\_name column. There after drop the project\_mentor column. |
| * Display those columns which the user require (students id and project\_specialization) for all the record. |
| * Ask the users for which students project\_specialization change and what should be the new specialization for project. |
| * Change project\_detail data base to project\_students\_data. |
| * Add another column ‘project\_submission’ with the data type date second table. |
| * Calculate the average fee of all the students. |
| * List the date, 20 daya after today’s date. |
| * List the students id and day on which students reporting. |
| * List month and date when students must be reporting. |
| * Retrieve student’s id and mentor and SQRT(81), POWER(7). |