

**TASK 1:**

A school keeps a database table to store information about the students.  
The fields of the table are:

| Field name     | Description                                  |
|----------------|----------------------------------------------|
| Student ID     | unique code to identify each student         |
| Student name   | Name of student                              |
| Age            | Stores the age of students in numeric form   |
| Class          | Stores the class of students in numeric form |
| Section        | Section of student                           |
| Marks obtained | Marks obtained by students                   |

i. Identify the field names or labels in the given database. [\_\_/1]

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ii. Identify the field that should be used as the primary key. [\_\_/1]

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iii. Complete the query-by-example grid to output all the student's data that are older than 10 years.  
Show only the student name, age and class fields. [\_\_/2]

|          |                          |                          |                          |                          |                          |
|----------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Field    |                          |                          |                          |                          |                          |
| Table    |                          |                          |                          |                          |                          |
| Sort     |                          |                          |                          |                          |                          |
| Show     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Criteria |                          |                          |                          |                          |                          |
| Or:      |                          |                          |                          |                          |                          |

- iv. Complete the given database table by populating it using suitable values. [\_\_/3]

| Student ID | Student name | Age | Class | Section | Marks obtained |
|------------|--------------|-----|-------|---------|----------------|
|            |              |     |       |         |                |
|            |              |     |       |         |                |
|            |              |     |       |         |                |
|            |              |     |       |         |                |

- v. Complete the query-by-example grid to output the student's data who scored more than 100 marks.

Show the student name, class and marks obtained fields only.

[\_\_/3]

|          |                          |                          |                          |                          |                          |
|----------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Field    |                          |                          |                          |                          |                          |
| Table    |                          |                          |                          |                          |                          |
| Sort     |                          |                          |                          |                          |                          |
| Show     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Criteria |                          |                          |                          |                          |                          |
| Or:      |                          |                          |                          |                          |                          |

## TASK 2:

A shopkeeper keeps a database table to store information about the books.  
The fields of the table are:

| Field name   | Description                                      |
|--------------|--------------------------------------------------|
| Product ID   | unique code to identify each product             |
| Product name | Name of the product                              |
| Category     | Category of the product such as dairy, meat etc. |
| Price        | Selling price of the product                     |

i. Identify which field is storing numeric data type values. [ ]/1]

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ii. Identify the field that should be used as the primary key. [ ]/1]

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iii. Complete the query-by-example grid to output all the products with names starting from the first five letters of alphabet.  
Show the Product ID, Product name and Category fields. [ ]/2]

|          |                          |                          |                          |                          |
|----------|--------------------------|--------------------------|--------------------------|--------------------------|
| Field    |                          |                          |                          |                          |
| Table    |                          |                          |                          |                          |
| Sort     |                          |                          |                          |                          |
| Show     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Criteria |                          |                          |                          |                          |
| Or:      |                          |                          |                          |                          |

- iv. Complete the given database table by populating it using suitable values. [\_\_/3]

| Product ID | Product Name | Category | Price |
|------------|--------------|----------|-------|
|            |              |          |       |
|            |              |          |       |
|            |              |          |       |
|            |              |          |       |

- v. Complete the query-by-example grid to output the products that have price greater than 1000. Show all fields. [\_\_/3]

|          |                          |                          |                          |                          |
|----------|--------------------------|--------------------------|--------------------------|--------------------------|
| Field    |                          |                          |                          |                          |
| Table    |                          |                          |                          |                          |
| Sort     |                          |                          |                          |                          |
| Show     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Criteria |                          |                          |                          |                          |
| Or:      |                          |                          |                          |                          |