Practical Code

1. **Create student table having four columns student id student name and date of birth and address.**

create table student(student\_id int,student\_name varchar(50),DOB date,address varchar(60));

desc student;

+--------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+--------------+-------------+------+-----+---------+-------+

| student\_id | int | YES | | NULL | |

| student\_name | varchar(50) | YES | | NULL | |

| DOB | date | YES | | NULL | |

| address | varchar(60) | YES | | NULL | |

+--------------+-------------+------+-----+---------+-------+

insert into student values(1,"amit","2004-02-17","nashik");

1. **Create a new table name student1 from the existing table student after create show the table description.**

create table student1 as select\*from student;

desc student1;

+--------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+--------------+-------------+------+-----+---------+-------+

| student\_id | int | YES | | NULL | |

| student\_name | varchar(50) | YES | | NULL | |

| DOB | date | YES | | NULL | |

| address | varchar(60) | YES | | NULL | |

+--------------+-------------+------+-----+---------+-------+

1. **Creating a new table having specific field but not the record from existing table.**

create table student2 as select student\_id from student;

desc student2;

+------------+------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+------------+------+------+-----+---------+-------+

| student\_id | int | YES | | NULL | |

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1. **Creating new table having specific record but all the fields from the existing table.**

create table student4 as select\*from student where student\_id=1;

Query OK, 1 row affected (0.02 sec)

Records: 1 Duplicates: 0 Warnings: 0

mysql> desc student4;

+--------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+--------------+-------------+------+-----+---------+-------+

| student\_id | int | YES | | NULL | |

| student\_name | varchar(50) | YES | | NULL | |

| DOB | date | YES | | NULL | |

| address | varchar(60) | YES | | NULL | |

+--------------+-------------+------+-----+---------+-------+

4 rows in set (0.00 sec)

mysql> select\*from student;

+------------+--------------+------------+---------+

| student\_id | student\_name | DOB | address |

+------------+--------------+------------+---------+

| 1 | amit | 2004-02-17 | nashik |

+------------+--------------+------------+---------+

1 row in set (0.00 sec)

1. **Creating a new table having no records but all the fields from the existing table.**

desc student3;

+--------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+--------------+-------------+------+-----+---------+-------+

| student\_id | int | YES | | NULL | |

| student\_name | varchar(50) | YES | | NULL | |

| DOB | date | YES | | NULL | |

| address | varchar(60) | YES | | NULL | |

+--------------+-------------+------+-----+---------+-------+

4 rows in set (0.00 sec)

mysql> select\*from student3;

Empty set (0.00 sec)