# Outputs
# Q1(asked to be left)
# Q2 & Q3

```
--2. Create a table named as student_record having fields (Name, Roll no, Section, Course and Semester).
create table student_record (Name varchar(50), roll_no int primary key, section varchar(10), course varchar(50), semester varchar(10));
--3. Add your record for the current semester in student_record table.
INSERT INTO student_record (Name, roll_no, section, course, semester) VALUES ('izza', 12, 'A', 'DB', '5');
```

Script Output | Query Result | Task completed in 0.027 seconds

```
1 row inserted.
```

# Q4

```
--4. Now add a new field ( Year ) with the default value '2000' in the student_record table.
ALTER TABLE student_record ADD year INT DEFAULT 2000;
```

Script Output | Query Result | Task completed in 0.169 seconds

```
Table STUDENT_RECORD altered.
```

# Q5

```
--5. Create table Jobs and job_History with the same fields as given in HR Schema in which job_ID is considered as primary key in jobs table.
create table izzajobs(job_id int primary key, job_title varchar(50), min_salary int, max_salary int);
```

Script Output | Query Result | Task completed in 0.021 seconds

```
Table IZZAJOBS created.
```

```
--5. Create table Jobs and job_History with the same fields as given in HR Schema in which job_ID is considered as primary key in jobs table.
create table izzajobs(job_id int primary key, job_title varchar(50), min_salary int, max_salary int);
create table izzasjobs_history (emloyee_id int, start_date date, end_date date, job_id int);
```

Script Output | Query Result

Task completed in 0.028 seconds

```
Table IZZASJOBS_HISTORY created.
```

## Q6

```
--6. Change the data type of 'start_date' from date to character in Jobs table.
ALTER table izzasjobs_history modify start_date char(10);
```

Script Output | Query Result

Task completed in 0.082 seconds

```
Table IZZASJOBS_HISTORY altered.
```

## Q7

```
--7. Write a SQL statement to add job_id column in job_history table as foreign key referencing to the primary key job_id of jobs table.
ALTER table izzasjobs_history add constraint fk_job_id foreign key(job_id) references izzajobs(job_id);
```

Script Output | Query Result

Task completed in 0.028 seconds

```
Table IZZASJOBS_HISTORY altered.
```

## Q8

```
--8. ==========================================Insert any 3 records in jobs table and job_History table and observe the output.
INSERT INTO izzajobs(job_id, job_title, min_salary, max_salary) values (1,'manager',50000,100000),(2,'engineer',40000,80000),(3,'analyst',30000,60000);
INSERT INTO izzasjobs_history (employee_id, start_date, end_date, job_id) values (101, '2023-01-01','2024-01-01',1), (102,'2023-02-01','2024-02-01',2), (103,'2023-03-01','
--9.============================================== Add Column Email in Jobs table.
ALTER TABLE izzajobs add email VARCHAR(50);
```

Script Output x | Query Result x

Task completed in 0.033 seconds

```
*Cause:
*Action:
```

## Q9

```
--9.============================================== Add Column Email in Jobs table.
ALTER TABLE izzajobs add email VARCHAR(50);
```

Script Output x | Query Result x

Task completed in 0.039 seconds

```
Table IZZAJOBS altered.
```

## Q10

```
--10. ==========================================Create replica of employee table.
create table employee_replica AS select * from employees;
```

Script Output x | Query Result x

Task completed in 0.126 seconds

```
Table EMPLOYEE_REPLICA created.
```