

Summer Vacation Assignment

1. Create a database named : SummerVacation
2. Create a following tables and insert data.

Table Name: Grade10

Roll_No	Full_Name	Address	Gender	Contact_No	Guardian_Name
1	Ram Sharma	Kathmandu	Male	9811111111	Hari Sharma
2	Sita Thapa	Pokhara	Female	9822222222	Gita Thapa
3	Ramesh KC	Chitwan	Male	9833333333	Dinesh KC
4	Sunita Rai	Kathmandu	Female	9844444444	Maya Rai
5	Hari Basnet	Bhaktapur	Male	9855555555	Krishna Basnet
6	Suman Gurung	Pokhara	Male	9866666666	Nima Gurung
7	Anita Shrestha	Lalitpur	Female	9877777777	Raju Shrestha
8	Bikash Adhikari	Kathmandu	Male	9888888888	Shyam Adhikari

Table Name: FirstTerm

Student_ID	Full_Name	English	Mathematics	Science	Computer	Grade
1	Ram Sharma	75	80	78	85	B+
2	Sita Thapa	88	92	90	95	A
3	Ramesh KC	65	70	68	72	C+
4	Sunita Rai	95	90	94	96	A+
5	Hari Basnet	55	60	58	62	D
6	Suman Gurung	82	85	80	88	B+
7	Anita Shrestha	90	94	92	93	A
8	Bikash Adhikari	45	50	48	55	F

1. SELECT Questions

- a. Display all records from Grade10.
- b. Display only Full_Name and Address from Grade10.
- c. Display all records from FirstTerm.
- d. Display names of all students from Grade10.
- e. Display students whose Address is Kathmandu from Grade10.
- f. Display students whose Gender is Female from Grade10.
- g. Display exam records where Grade is A from FirstTerm.
- h. Display exam records where Grade is A+ FirstTerm.
- i. Display students whose name starts with "S".
- j. Display students whose name starts with "R".
- k. Display students whose name ends with "a".
- l. Display students whose name contains "ita".
- m. Display all students ordered by Full_Name in ascending order.
- n. Display all students ordered by Roll_No in descending order.
- o. Display exam records ordered by Mathematics marks in descending order FirstTerm.
- p. Display students whose Roll_No is greater than 5.
- q. Display students whose Roll_No is less than 4.

2. UPDATE Questions

- a. Change the Address of Ram Sharma to "Pokhara".
- b. Change the Contact_No of Sita Thapa to "9800000000".

- c. Update Guardian_Name of Hari Basnet to "Ram Basnet".
- d. Change the Grade of Bikash Adhikari from F to D in FirstTerm.
- e. Update English marks of Ram Sharma to 85 in FirstTerm.
- f. Update Mathematics marks of Hari Basnet to 70 in FirstTerm.
- g. Change Address of all students from Kathmandu to Lalitpur.
- h. Change Grade of all students having Grade B+ to A in FirstTerm.
- i. Change Contact_No of Roll_No 7 to "9812345678".
- j. Update Full_Name of Roll_No 6 to "Suman Prasad Gurung".

3. DELETE Questions

- a. Delete the student whose Roll_No is 8.
- b. Delete the student named Hari Basnet.
- c. Delete the exam record of Student_ID 5.
- d. Delete all students whose Address is Bhaktapur.
- e. Delete all students whose Address is Chitwan.
- f. Delete all exam records where Grade is F.
- g. Delete the student whose Contact_No is "9800000000".
- h. Delete the exam record of Ram Sharma.
- i. Delete all records from FirstTerm table.
- j. Delete all records from Grade10 table.

4. Challenge Questions

- a. Display all students whose names start with "A".
 - b. Display all students whose names contain "Sharma".
 - c. Update all students from Pokhara to Kathmandu.
 - d. Delete all students whose Roll_No is greater than 10.
 - e. Display all students sorted by Address and then by Full_Name.
 - f. Display all students whose Grade is either A or A+.
 - g. Update the Grade of all students having Grade D to C.
 - h. Delete all students whose Grade is F.
 - i. Display all student names and their English marks.
5. Create a beautiful multimedia video about your school (up to 5 minutes) using a video editing software (such as CapCut or Clipchamp). Your video must integrate Text, Audio, and Images. Please ensure you use basic editing techniques like trimming, transitions, or effects, and export the final video in .mp4 format.