

Day 3 Assignment

- create schema day2;
- use day2;
- set sql_safe_updates=0;
- create table Marks(stud_id int auto_increment primary key,Student_name varchar(20),marks int)auto_increment=401;
- insert into Marks(student_name,marks) values
- ("Richard",88),
- ("Rammesh",94),
- ("Araragi",72),
- ("Hiitagi",99),
- ("Kaisen",86),
- ("KSI",67);
- insert into marks(student_name,marks) values
- ("PR",90),("Gilgamesh",56);
- insert into marks(student_name,marks) values ("John",60);
- select * from Marks where marks > 90;
- select * from Marks where marks <=70;
- select * from marks where marks <>88;
- select * from marks where marks !=86;
- select *, "Distinction" as Result from marks where marks between 90 and 100;
- select *, "Redo" as Result from marks where marks not between 60 and 100;
- alter table marks modify Specialization varchar(30);
- select count(*) from marks;

- update Marks
 - set specialization = case stud_id
 - when 401 then 'Bio Engineering'
 - when 402 then 'Civil'
 - when 403 then 'Politics'
 - when 404 then 'Physical Health'
 - when 405 then 'Tamil'
 - when 406 then null
 - when 407 then 'Food Science'
 - when 408 then 'Environmental Science'
 - when 409 then null
 - end
 - where stud_id between 401 and 407;
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- select * from marks where specialization in ("Politics","Tamil");
 - select * from marks where specialization not in ("Physical health","Food Science");
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- select * from marks where specialization is null;
 - select * from marks where specialization is not null;
 - select * from marks where stud_id >= 405 and specialization != "food science";
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- select * from marks where student_name like "j_____";
 - select * from marks where student_name like "r%";
 - select * from marks where student_name like "%i";
 - select * from marks where student_name like "_a%";
 - select * from marks where student_name like "%i%i%";
-
- select * from marks;

Output:

	stud_id	Student_name	marks	Specialization
▶	402	Rammesh	94	Civil
	404	Hiitagi	99	Physical Health
*	NULL	NULL	NULL	NULL

	stud_id	Student_name	marks	Specialization
▶	406	KSI	67	NULL
	408	Gilgamesh	56	NULL
	409	John	60	NULL
*	NULL	NULL	NULL	NULL

	stud_id	Student_name	marks	Specialization
▶	402	Rammesh	94	Civil
	403	Araragi	72	Politics
	404	Hiitagi	99	Physical Health
	405	Kaisen	86	Tamil
	406	KSI	67	NULL
	407	PR	90	Food Science
	408	Gilgamesh	56	NULL
	409	John	60	NULL
*	NULL	NULL	NULL	NULL

	stud_id	Student_name	marks	Specialization
▶	401	Richard	88	Bio Engineering
	402	Rammesh	94	Civil
	403	Araragi	72	Politics
	404	Hiitagi	99	Physical Health
	406	KSI	67	NULL
	407	PR	90	Food Science
	408	Gilgamesh	56	NULL
	409	John	60	NULL
*	NULL	NULL	NULL	NULL

	stud_id	Student_name	marks	Specialization	Result
▶	402	Rammesh	94	Civil	Distinction
	404	Hiitagi	99	Physical Health	Distinction
	407	PR	90	Food Science	Distinction

	stud_id	Student_name	marks	Specialization	Result
▶	408	Gilgamesh	56	NULL	Redo

	stud_id	Student_name	marks	Specialization
▶	403	Araragi	72	Politics
	405	Kaisen	86	Tamil
★	NULL	NULL	NULL	NULL

	stud_id	Student_name	marks	Specialization
▶	401	Richard	88	Bio Engineering
	402	Rammesh	94	Civil
	403	Araragi	72	Politics
	405	Kaisen	86	Tamil
★	NULL	NULL	NULL	NULL

	stud_id	Student_name	marks	Specialization
▶	406	KSI	67	NULL
	408	Gilgamesh	56	NULL
	409	John	60	NULL
★	NULL	NULL	NULL	NULL

	stud_id	Student_name	marks	Specialization
▶	401	Richard	88	Bio Engineering
	402	Rammesh	94	Civil
	403	Araragi	72	Politics
	404	Hiitagi	99	Physical Health
	405	Kaisen	86	Tamil
	407	PR	90	Food Science
★	NULL	NULL	NULL	NULL

	stud_id	Student_name	marks	Specialization
▶	405	Kaisen	86	Tamil
★	NULL	NULL	NULL	NULL

	stud_id	Student_name	marks	Specialization
▶	409	John	60	NULL
★	NULL	NULL	NULL	NULL

	stud_id	Student_name	marks	Specialization
▶	401	Richard	88	Bio Engineering
	402	Rammesh	94	Civil
★	NULL	NULL	NULL	NULL

	stud_id	Student_name	marks	Specialization
▶	403	Araragi	72	Politics
	404	Hiitagi	99	Physical Health
	406	KSI	67	NULL
★	NULL	NULL	NULL	NULL

	stud_id	Student_name	marks	Specialization
▶	402	Rammesh	94	Civil
	405	Kaisen	86	Tamil
✱	NULL	NULL	NULL	NULL

	stud_id	Student_name	marks	Specialization
▶	404	Hiiitagi	99	Physical Health
✱	NULL	NULL	NULL	NULL