

<EMPLOYEE_ID>.COURSE_INFO

Column Name	Data Type	Data Size	
COURSE_CODE	varchar2	10	Primary Key
COURSE_NAME	varchar2	20	
COURSE_DESCRIPTION	varchar2	250	
COURSE_START_DATE	Date		
COURSE_DURATION	Number		
NO_OF_PARTICIPANTS	Number		
COURSE_TYPE	Char(3)		

<EMPLOYEE_ID>.STUDENT_INFO

Column Name	Data Type	Data Size	
STUDENT_ID	varchar2	10	Primary Key
FIRST_NAME	varchar2	20	
LAST_NAME	varchar2	25	
ADDRESS	varchar2	150	

<EMPLOYEE_ID>.STUDENT_COURSES

Column Name	Data Type	Data Size	
STUDENT_ID	varchar2	10	Foreign Key
COURSE_CODE	varchar2	20	Foreign Key

<EMPLOYEE_ID>. COURSE_FEES



Column Name	Data Type	Data Size	
COURSE_CODE	varchar2	10	Foreign key
BASE_FEES	Number	10	
SPECIAL_FEES	Number	10	
DISCOUNT	Number	5	

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- Develop the queries for the problems stated below.

— Problem # 1:

- Calculate the total fees (base fees + Special fees) for the all the courses and display the course code along with the total fees.

— Problem # 2:

- Calculate the discount fees for all the courses and display the course code and discount fees.
- Discount fees = discount* (base fees + Special fees)/100
- [Hint: Use the course_fees table for this.]

- Develop the queries for the problems stated below.

- Problem # 3:

- Display the names of all the courses, the course duration of which is greater than 10 and number of participants is less than 20.
- [Hint: Use the courses_info table for this.]

- Problem # 4:

- Display the course code whose base fees are greater than 100 or special fees are less than 1000.
- [Hint: Use the course_fees table for this.]

- Develop the queries for the problems stated below.

- Problem # 5:

- Select all the courses whose base fee > 200.
- [Hint: Use the course_fees table for this.]

- Problem # 6:

- Display the students' ID, first name whose first name is different from their last name.
- [Hint: Use the student_info table for this.]

- Problem # 7:

- Select all the courses whose base fee is in the range 100 and 3000.
- [Hint: Use the course_fees table for this.]

- Problem # 8:
 - Display the students ID, and first name, whose first name starts with 'A'
 - [Hint: Use the student_info table for this.]

- Problem # 9:
 - Display the students ID, first name whose first name has a character 'o'
 - [Hint: Use the student_info table for this.]

- Problem # 10:
 - Display the names of all the courses where the course description is Null.
 - [Hint: Use the courses_info table for this.]