Q. create Faculty Table:

FacultyID	Name	Department	Gender	Salary	Working hours
001	Aakash	CS	M	50000	45
002	Sahil	EC	M	25000	50
003	John	HSS	M	100000	60
004	Shelley	CS	F	75000	80
005	Anannya	CS	F	45000	100
006	Sia	HSS	F	60000	40

Q1. We would like to display this table such that if the department name is 'CS', it gets modified to 'Computer Science', if it is 'EC' it gets modified to 'Electronics and Communication', and if it is 'HSS' it gets modified to 'Humanities and Social Sciences'.
Write the query to display the modified table.

Q2.
 write the query to display the vacation hours for salaried faculty based on their working hours. If working hours <=50 update their vacation hours to 'not allowed', working hours <=80 update their vacation hours to 20, working hours <=120 update their vacation hours to 40.

Q3.Explain what is a PK, Candidate Key, Prime Attributes, Non-prime Attributes ?

Q4 Create database Student Details

Tables:

1.Students → (student_id(PK),name,address);
2. Marks → (marks_id(PK),subject,score,student_id(FK));

Get the output table with rows as (student_id ,student_name , total marks) for all the students . If there is any student who did not attended any of the exams show their marks as -1.