**Lab 07**

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1. **Creating a Database View**

Create a **VIEW** named EmployeeDetails that joins the Employee, Department, and Project tables. The view should display the following columns:

* emp\_id (from Employee)
* employee\_name (from Employee, renamed to be distinct)
* salary
* dept\_name (from Department)
* project\_name (from Project)

**CREATE** **VIEW** EmployeeDetails **AS**

**SELECT**

e.emp\_id,

e.name **AS** employee\_name,

e.salary,

d.name **AS** dept\_name,

p.project\_name

**FROM** employee e

**JOIN** department d **ON** e.dept\_id = d.dept\_id

**JOIN** employee\_Project ep **ON** e.emp\_id = ep.emp\_id

**JOIN** project p **ON** ep.project\_id = p.project\_id;

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1. **Adding an Index**

Add an INDEX named idx\_employee\_name to the name column of the Employee table.

**CREATE** **INDEX** idx\_employee\_name

**ON** Employee (name);

Solution:  
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EmployeeDetails View:  
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idx\_employee\_name

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