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**UNIVERSITETI POLITEKNIK I TIRANËS**

**FAKULTETI I TEKNOLOGJISË DHE INFORMACIONIT**

**DEPARTAMENTI I INXHINIERISË INFORMATIKE**

**Punë Laboratori nr. 3**

**Lënda:** Bazat e tё dhёnave

**Grupi:** III-B

**Punoi:** Piro Gjikdhima **Pranoi**: MSc.Paola Shasivari

1. Afishoni id e departamentit,emrn dhe job\_id per punonjesit qe punojne ne departamentin e finances.

SELECT DEPARTMENT\_ID,  
 FIRST\_NAME,  
 JOB\_ID

FROM DEPARTMENTS  
JOIN EMPLOYEES USING (DEPARTMENT\_ID)  
WHERE DEPARTMENT\_NAME='Finance';

2. Afishoni emrin,mbiemrin,numrin dhe emrin e deparamentit per secilin punonjes.

SELECT FIRST\_NAME,  
 EMPLOYEE\_ID,  
 JOB\_ID   
FROM EMPLOYEES  
JOIN DEPARTMENTS USING (DEPARTMENT\_ID)  
JOIN LOCATIONS USING (LOCATION\_ID)  
WHERE CITY='Toronto';

3. Afishoni id,emrin e plote(emri dhe mbiiemri),rrogen,AvgCompare(rroga – rrogen mesatere) dhe SalaryStatus qe mban high dhe low per punonjesit qe e kane rrogen me te madhe dhe me te vogel se rroga mesatere e punonjesve.

SELECT EMPLOYEE\_ID,  
 FIRST\_NAME || ' ' || LAST\_NAME AS FULL\_NAME,  
 SALARY,  
 SALARY - (SELECT *ROUND*(*AVG*(E.SALARY),2) FROM EMPLOYEES E) AS AvgCompare,  
 CASE  
 WHEN SALARY > (SELECT *ROUND*(*AVG*(E.SALARY),2) FROM EMPLOYEES E) THEN 'High'  
 ELSE 'Low'  
 END AS SalaryStatus  
 FROM EMPLOYEES;

4. Afishoni emrin,mbiemrin e punonjeve qe kane nje menaxher qe qendron ne ‘US’.

SELECT   
 E.FIRST\_NAME||' '||E.LAST\_NAME AS FULL\_NAME  
FROM EMPLOYEES E  
JOIN DEPARTMENTS D ON E.DEPARTMENT\_ID=D.DEPARTMENT\_ID  
JOIN LOCATIONS L ON D.LOCATION\_ID=L.LOCATION\_ID  
WHERE L.COUNTRY\_ID='US'AND E.MANAGER\_ID IS NOT NULL;

5. Afishoni id,emrin,mbiemri,rrogen,id e departamentit dh qytetin e punonjesve qe kane rrogen qe eshte sa max I rrogave te punonjesve qe kane fillur pune nga data January 1st, 2002 deri ne December 31st, 2003.

SELECT   
 EMPLOYEE\_ID,  
 FIRST\_NAME,  
 LAST\_NAME,  
 SALARY,  
 DEPARTMENT\_ID,  
 CITY  
FROM EMPLOYEES  
JOIN DEPARTMENTS USING (DEPARTMENT\_ID)  
JOIN LOCATIONS USING (LOCATION\_ID)  
WHERE SALARY = (SELECT *MAX*(SALARY) FROM EMPLOYEES WHERE HIRE\_DATE BETWEEN '01-JAN-02' AND '31-DEC-03');

6. Afishoni id,emrin dhe id e departementit te punonjesve qe fitojne me shume se rroga me e madhe e departamentit me id 40.

SELECT   
 EMPLOYEE\_ID,  
 FIRST\_NAME,  
 DEPARTMENT\_ID  
 FROM EMPLOYEES  
 WHERE SALARY > (SELECT *MAX*(SALARY) FROM EMPLOYEES WHERE DEPARTMENT\_ID=40);

7. Afishoni emrin,mbiemrin,rrogen dhe departementin per punonjesit qe punojne ne te njejtin department me punonjesin me id 201.

SELECT   
 FIRST\_NAME,  
 LAST\_NAME,  
 SALARY,  
 DEPARTMENT\_NAME FROM EMPLOYEES  
JOIN DEPARTMENTS USING (DEPARTMENT\_ID)  
WHERE DEPARTMENT\_ID=(SELECT DEPARTMENT\_ID FROM EMPLOYEES WHERE EMPLOYEE\_ID=201);

8. Afishoni emrin,mbiemrin,rrogen dhe id e departamentit per punojesit qe fitojne me pak se rroga mesater dhe kane punonjes me emrin ‘Laura’.

SELECT   
 FIRST\_NAME,  
 LAST\_NAME,  
 SALARY,  
 DEPARTMENT\_ID  
FROM EMPLOYEES  
WHERE SALARY < (SELECT *AVG*(SALARY) FROM EMPLOYEES) AND FIRST\_NAME='Laura';