**O‘ZBEKISTON RESPUBLIKASI OLIY TA’LIM, FAN VA INNOVATSIYALAR VAZIRLIGI MUHAMMAD AL-XORAZMIY NOMIDAGI TOSHKENT AXBOROT TEXNOLOGIYALARI UNIVERSITETI**

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**Malumotlar bazasi fanidan**

**amaliy mashg’uloti**

**Bajardi: Abduraimov Javohirmirza**

**11 – Amaliy mashg’ulot**

**Mavzu: Murakkab so‘rovlar yaratish. TOP, LIMIT yoki ROWNUM**

**Ishdan** **maqsad:** Berilgan predmet soha ma`lumotlar bazasidan foydalanib TOP, LIMIT yoki ROWNUM lardan foydalanishni o`rganish.

**Masalani** **qo`yilishi:** Predmet soha ma`lumotlar bazasi shakllantirilgandan so`ng undan unumli foydalanishni tashkil etish maqsadida TOP, LIMIT yoki ROWNUM lar orqali so`rovlar yaratish.

**Uslubiy** **ko`rsatmalar**: SQL LIMIT va SQL TOP operatorlarining vazifasi belgilangan satrlarni chaqirishdan iborat. SQL TOP operatori MS SQLServerda ishlaydi**,** SQL LIMIT operatori esa MySQLda va **Oracle** da ROWNUM operatori ishlaydi ularnig vazifasi bir hil.

**SQL Server / MS Access Syntax:**

SELECT TOP number|*percent* column\_name(s)  
FROM table\_nameWHERE condition;

**MySQL Syntax:**

SELECT column\_name(s)  
FROM table\_nameWHERE condition  
LIMIT number;

**Oracle Syntax:**

SELECT column\_name(s)  
FROM table\_name  
WHERE ROWNUM <= number;

### Misol. MS SQL Serverda ishlash

SELECT TOP 3 \* FROM Customers;

### Misol. SQL da ishlash

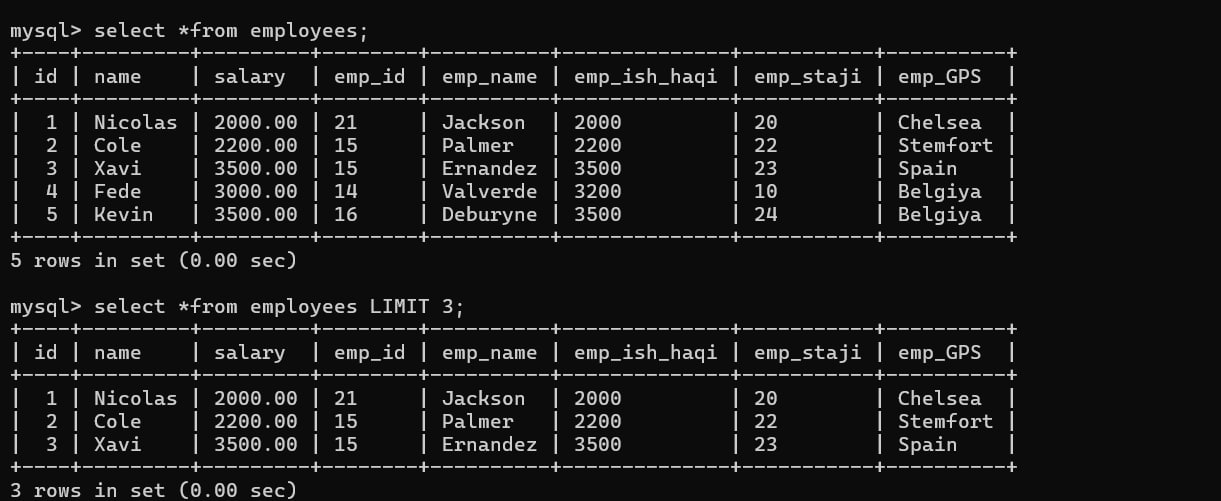
SELECT \* FROM Customers  
LIMIT 3;

### Misol. **Oracleda ishlash**

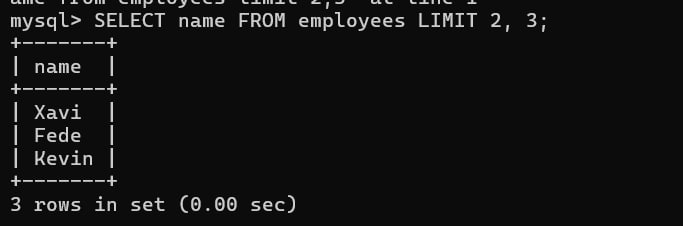
SELECT \* FROM Customers  
WHERE ROWNUM <= 3;

**Ishni bajarish tartibi**

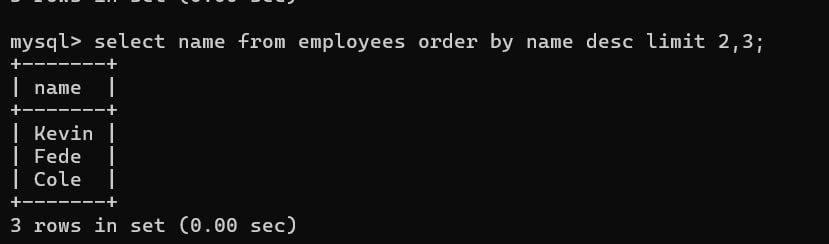
Avvalgi bajargan korpus nomli jadvalni chaqirib olamiz.



**13.1 – rasm. Limit** operatori orqali 3 ta qatorni ekranga chiqarish



**13.2 – rasm. Limit** operatori orqali 2,3 qatorni ekranga chiqarish



**13.3 rasm**

**Xulosa va foydalanilgan adabiyotlar keltiriladi**