**NAMA** : ZUMRO'ATUL AFIFAH

**NIM** : 202110370311099

**MATKUL** : BASDAT A

1. Buatlah sebuah tabel baru untuk menampilkan record data nama lengkap karyawan (nama depan dan nama belakang digabung), tanggal masuk, gaji, pekerjaan dan nama lengkap manajer dari karyawan tersebut dimana id managernya adalah 123. Untuk memudahkan, query pembuatan table baru ada di bawah ini :

   *CREATE TABLE kegiatan_1*

   *( nama VARCHAR2(50)*

   *, tanggal_masuk DATE*

   *, gaji NUMBER(8,2)*

   *, pekerjaan VARCHAR2(50)*

   *, nama_manager VARCHAR2(50));*

   Command :

   *INSERT INTO kegiatan_1 (nama, tanggal_masuk, gaji, pekerjaan, nama_manager)*

   *SELECT CONCAT (e.first_name, e.last_name) AS "nama_lengkap", e.hire_date AS "tanggal_masuk", e.salary AS "gaji", e.job_id AS "pekerjaan", CONCAT (m.first_name, m.last_name) AS "nama_manager"*

   *FROM employees e*

   *JOIN employees m ON e.manager_id = m.employee_id*

   *WHERE e.manager_id = 123;*

```
INSERT INTO kegiatan_1 (nama, tanggal_masuk, gaji, pekerjaan, nama_manager)
SELECT CONCAT(e.first_name, e.last_name) AS "nama_lengkap", e.hire_date AS "tanggal_masuk",
CONCAT(m.first_name, m.last_name) AS nama_manager
FROM employees e
JOIN employees m ON e.manager_id = m.employee_id
WHERE e.manager_id = 123;

select * from kegiatan_1
```

Results   Explain   Describe   Saved SQL   History

| NAMA | TANGGAL_MASUK | GAJI | PEKERJAAN | NAMA_MANAGER |
|------|---------------|------|-----------|--------------|
| RenskeLadwig | 07/14/2003 | 3600 | ST_CLERK | ShantaVollman |
| StephenStiles | 10/26/2005 | 3200 | ST_CLERK | ShantaVollman |
| JohnSeo | 02/12/2006 | 2700 | ST_CLERK | ShantaVollman |
| JoshuaPatel | 04/06/2006 | 2500 | ST_CLERK | ShantaVollman |
| SarahBell | 02/04/2004 | 4000 | SH_CLERK | ShantaVollman |
| BritneyEverett | 03/03/2005 | 3900 | SH_CLERK | ShantaVollman |
| SamuelMcCain | 07/01/2006 | 3200 | SH_CLERK | ShantaVollman |
| VanceJones | 03/17/2007 | 2800 | SH_CLERK | ShantaVollman |
| RenskeLadwig | 07/14/2003 | 3600 | ST_CLERK | ShantaVollman |
| StephenStiles | 10/26/2005 | 3200 | ST_CLERK | ShantaVollman |

More than 10 rows available. Increase rows selector to view more rows.

2. Selanjutnya, tambahkan entry data dengan ketentuan :

Nama : Nama praktikan

Tanggal masuk : tanggal lahir praktikan

Gaji : 4 digit nim terakhir

Pekerjaan : Informatika

Nama_manager : Nama dosen

Command :

*INSERT INTO kegiatan_1 (nama, tanggal_masuk, gaji, pekerjaan, nama_manager)*

*VALUES ('Zumroatul Afifah', TO_DATE('10/07/2003', 'DD/MM/YYYY'), 1099, 'Informatika',*

*'Pak Yufis');*

| Zumroatul Afifah | 07/10/2003 | 1099 | Informatika | Pak Yufis |
|---|---|---|---|---|

82 rows returned in 0.00 seconds        Download

3. Buatlah view untuk menampilkan nama, email, pekerjaan , dan gaji karyawan yang mulai bekerja pada tahun 2004 dan bekerja pada departement keuangan kemudian tampilkan view tersebut.

Command :

*CREATE VIEW kegiatan_3*

*(name, email, job_title, salary, hire_date, depart_name)*

*AS SELECT*

 *CONCAT( e.first_name, e.last_name) as name,*

 *e.email,*

 *j.job_title,*

 *e.salary,*

 *e.hire_date,*

 *d.depart_name*

*FROM*

 *employees e,*

 *jobs j, departments d*

*WHERE e.job_id = j.job_id*

 *AND e.department_id = d.department_id*

 *AND EXTRACT (YEAR FROM e.hire_date) > 2004*

```
  e.email,
  j.job_title,
  e.salary,
  e.hire_date,
  d.depart_name
FROM
  employees e,
  jobs j, departments d
WHERE e.job_id = j.job_id
  AND e.department_id = d.department_id
  AND EXTRACT (YEAR FROM e.hire_date) > 2004
```

**Results**   Explain   Describe   Saved SQL   History

| NAME | EMAIL | JOB_TITLE | SALARY | HIRE_DATE | DEPART_NAME |
|------|-------|-----------|--------|-----------|-------------|
| NeenaKochhar | NKOCHHAR | Administration Vice President | 17000 | 09/21/2005 | Executive |
| LuisPopp | LPOPP | Accountant | 6900 | 12/07/2007 | Finance |
| Jose ManuelUrman | JMURMAN | Accountant | 7800 | 03/07/2006 | Finance |
| IsmaelSciarra | ISCIARRA | Accountant | 7700 | 09/30/2005 | Finance |
| JohnChen | JCHEN | Accountant | 8200 | 09/28/2005 | Finance |
| EleniZlotkey | EZLOTKEY | Sales Manager | 10500 | 01/29/2008 | Sales |
| GeraldCambrault | GCAMBRAU | Sales Manager | 11000 | 10/15/2007 | Sales |
| AlbertoErrazuriz | AERRAZUR | Sales Manager | 12000 | 03/10/2005 | Sales |
| KarenPartners | KPARTNER | Sales Manager | 13500 | 01/05/2005 | Sales |
| CharlesJohnson | CJOHNSON | Sales Representative | 6200 | 01/04/2008 | Sales |
| JackLivingston | JLIVINGS | Sales Representative | 8400 | 04/23/2006 | Sales |
| JonathonTaylor | JTAYLOR | Sales Representative | 8600 | 03/24/2006 | Sales |
| AlyssaHutton | AHUTTON | Sales Representative | 8800 | 03/19/2005 | Sales |
| SunditaKumar | SKUMAR | Sales Representative | 6100 | 04/21/2008 | Sales |
| ElizabethBates | EBATES | Sales Representative | 7300 | 03/24/2007 | Sales |
| WilliamSmith | WSMITH | Sales Representative | 7400 | 02/23/2007 | Sales |
| TaylerFox | TFOX | Sales Representative | 9600 | 01/24/2006 | Sales |
| HarrisonBloom | HBLOOM | Sales Representative | 10000 | 03/23/2006 | Sales |
| LisaOzer | LOZER | Sales Representative | 11500 | 03/11/2005 | Sales |