Basic Databases – Report06

Wroclaw University of Science and Technology, Date: May 17th, 2021

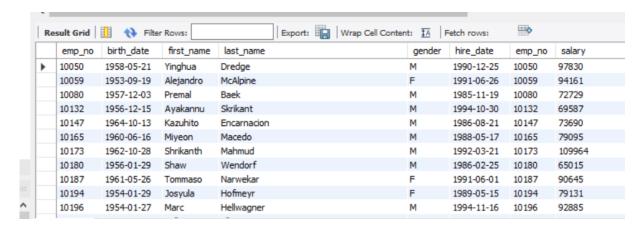## Exercise

1. **Prepare the queries according to given instructions**

a)

select e.*, s.salary from employees e

inner join salaries as s on e.emp_no = s.emp_no

inner join dept_emp as d on e.emp_no = d.emp_no

where s.to_date = "9999-01-01"

and d.dept_no = "d002" and d.to_date = "9999-01-01";

b)

select e.*,t.title as "current_position" from employees e

inner join titles as t on e.emp_no = t.emp_no

where t.to_date = "9999-01-01"

and t.title like "%Engineer%";

c) .

select e.* from dept_emp de

inner join employees e on de.emp_no = e.emp_no

inner join departments d on de.dept_no = d.dept_no

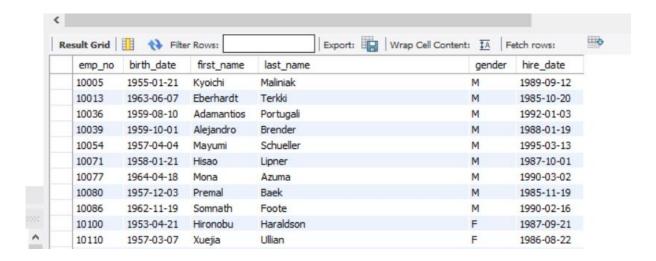where dept_name = "Human Resources" and de.to_date="9999-01-01";

Recommended results:

a)

emp_no	birth_date	first_name	last_name	gender	hire_date	emp_no	salary
10050	1958-05-21	Yinghua	Dredge	M	1990-12-25	10050	97830
10059	1953-09-19	Alejandro	McAlpine	F	1991-06-26	10059	94161
10080	1957-12-03	Premal	Baek	M	1985-11-19	10080	72729
10132	1956-12-15	Ayakannu	Skrikant	M	1994-10-30	10132	69587
10147	1964-10-13	Kazuhito	Encarnacion	M	1986-08-21	10147	73690
10165	1960-06-16	Miyeon	Macedo	M	1988-05-17	10165	79095
10173	1962-10-28	Shrikanth	Mahmud	M	1992-03-21	10173	109964
10180	1956-01-29	Shaw	Wendorf	M	1986-02-25	10180	65015
10187	1961-05-26	Tommaso	Narwekar	F	1991-06-01	10187	90645
10194	1954-01-29	Josyula	Hofmeyr	F	1989-05-15	10194	79131
10196	1954-01-27	Marc	Hellwagner	M	1994-11-16	10196	92885

b)

emp_no	birth_date	first_name	last_name	gender	hire_date	emp_no	title
10001	1953-09-02	Georgi	Facello	M	1986-06-26	10001	Senior Engineer
10003	1959-12-03	Parto	Bamford	M	1986-08-28	10003	Senior Engineer
10004	1954-05-01	Chirstian	Koblick	M	1986-12-01	10004	Senior Engineer
10006	1953-04-20	Anneke	Preusig	F	1989-06-02	10006	Senior Engineer
10009	1952-04-19	Sumant	Peac	F	1985-02-18	10009	Senior Engineer
10010	1963-06-01	Duangkaew	Piveteau	F	1989-08-24	10010	Engineer
10012	1960-10-04	Patricio	Bridgland	M	1992-12-18	10012	Senior Engineer

c)

emp_no	birth_date	first_name	last_name	gender	hire_date
10005	1955-01-21	Kyoichi	Maliniak	M	1989-09-12
10013	1963-06-07	Eberhardt	Terkki	M	1985-10-20
10036	1959-08-10	Adamantios	Portugali	M	1992-01-03
10039	1959-10-01	Alejandro	Brender	M	1988-01-19
10054	1957-04-04	Mayumi	Schueller	M	1995-03-13
10071	1958-01-21	Hisao	Lipner	M	1987-10-01
10077	1964-04-18	Mona	Azuma	M	1990-03-02
10080	1957-12-03	Premal	Baek	M	1985-11-19
10086	1962-11-19	Somnath	Foote	M	1990-02-16
10100	1953-04-21	Hironobu	Haraldson	F	1987-09-21
10110	1957-03-07	Xuejia	Ullian	F	1986-08-22

Remarks:
   1. **The rule of naming a student's file report is defined below**

Name of the file: **Rep06-StudId-Last name.pdf**	Example: **Rep06-1951355-Turan.pdf**