

Ananda Bagaskara Poetra Dwiki – Universitas Esa Unggul

Soal:

1. Buatlah Query untuk :

- Menampilkan semua data pada table employee
- Menampilkan semua data pada table employee yang memiliki salary lebih besar sama dengan 7000
- Menampilkan semua data pada table employee yang namanya (first name / last name) mengandung karakter 'a', diurutkan berdasarkan first name
- Menampilkan semua data pada table employee yang bekerja sebelum tahun 2005, diurutkan berdasarkan hire_date dari paling terbaru.

2. Buatlah Query (Join) untuk :

- Menampilkan country.id, country.name, region.name.
- Menampilkan employee.first_name, employee.last_name, job.title, department.name
- Menampilkan employee.first_name, employee.last_name (bawahan) & manager.first_name, manager.last_name (manager)

3. Buatlah Query (Group Function) :

- Menampilkan rata-rata gaji karyawan
- Menampilkan gaji tertinggi & terendah karyawan yang bekerja di department "Public Relation"
- Menampilkan semua karyawan yang bergaji diatas rata-rata gaji karyawan.

Ketentuan :

1. Screenshot output dari data masing-masing poin soal yang diberikan
2. Tambahkan watermark
3. Save as pdf
4. File name : Nama Lengkap - Universitas

Jawab:

1.

a) `SELECT * FROM employee` --Menampilkan semua data pada table employee--

Results		Messages									
	id	first_name	last_name	email	phone_number	hire_date	salary	commision_pct	manager	job	department
1	100	Steven	King	SKING	5.151.234.567	2003-06-17	24000	0	0	AD_PRES	90
2	101	Neena	Kochhar	NKOCHHAR	5.151.234.568	2005-09-21	17000	0	100	AD_VP	90
3	102	Lex	De Haan	LDEHAAN	5.151.234.569	2001-01-13	17000	0	100	AD_VP	90
4	103	Alexander	Hunold	AHUNOLD	5.904.234.567	2006-03-01	9000	0	102	IT_PROG	60
5	104	Bruce	Ernst	BERNST	5.904.234.568	2007-05-21	6000	0	103	IT_PROG	60
6	105	David	Austin	DAUSTIN	5.904.234.569	2005-06-25	4800	0	103	IT_PROG	60
7	106	Valli	Pataballa	VPATABAL	5.904.234.560	2006-05-02	4800	0	103	IT_PROG	60
8	107	Dana	Lorentz	DLORENTZ	5.904.235.567	2007-07-02	4200	0	103	IT_PROG	60
9	108	Nancy	Greenberg	NGREENBE	5.151.244.569	2002-08-17	12008	0	101	FI_MGR	100
10	109	Daniel	Faviet	DFAVIET	5.151.244.169	2002-08-16	9000	0	108	FI_ACCOUNT	100
11	110	John	Chen	JCHEN	5.151.244.269	2005-09-28	8200	0	108	FI_ACCOUNT	100
12	111	Ismael	Solara	ISCIARRA	5.151.244.369	2005-09-30	7700	0	108	FI_ACCOUNT	100
13	112	Jose Manuel	Uman	JMUJMAN	5.151.244.469	2006-07-03	7800	0	108	FI_ACCOUNT	100
14	113	Luiz	Popp	LPOPP	5.151.244.567	2007-07-12	6900	0	108	FI_ACCOUNT	100
15	114	Den	Raphaely	DRAPHEAL	5.151.274.561	2002-07-12	11000	0	100	PU_MAN	30
16	115	Alexander	Rhoo	AKHOO	5.151.274.562	2003-05-18	3100	0	114	PU_CLERK	30
17	116	Shelli	Baida	SBAIDA	5.151.274.563	2005-12-24	2900	0	114	PU_CLERK	30
18	117	Sigal	Tobias	STOBIAS	5.151.274.564	2005-07-24	2800	0	114	PU_CLERK	30
19	118	Guy	Himuro	GHIIMURO	5.151.274.565	2006-11-15	2600	0	114	PU_CLERK	30
20	119	Karen	Colmena	KCOLMENA	5.151.274.566	2007-10-08	2500	0	114	PU_CLERK	30
21	120	Matthew	Weiss	MWEISS	6.501.231.234	2004-07-18	8000	0	100	ST_MAN	50
22	121	Adam	Frip	AFRIPP	6.501.232.234	2005-10-04	8200	0	100	ST_MAN	50
23	122	Payam	Kaufing	PKAUFING	6.501.233.234	2003-01-05	7900	0	100	ST_MAN	50
24	123	Shanta	Vollman	SVOLLMAN	6.501.234.234	2005-10-10	6500	0	100	ST_MAN	50
25	124	Kevin	Mouron	KMOURON	6.501.235.234	2007-11-16	5900	0	100	ST_MAN	50

Results		Messages									
	id	first_name	last_name	email	phone_number	hire_date	salary	comission_pct	manager	job	department
26	125	Julia	Nayer	JNAYER	6,501,241,214	2005-07-16	3200	0	120	ST_CLERK	50
27	126	Irene	Mikkilineni	IMIKKILI	6,501,241,224	2006-09-28	2700	0	120	ST_CLERK	50
28	127	James	Landry	JLANDRY	6,501,241,334	2007-01-14	2400	0	120	ST_CLERK	50
29	128	Steven	Markle	SMARKLE	6,501,241,434	2008-08-03	2200	0	120	ST_CLERK	50
30	129	Laura	Bissot	LBISSOT	6,501,245,234	2005-08-20	3300	0	121	ST_CLERK	50
31	130	Mozhe	Atkinson	MATKINSO	6,501,246,234	2005-10-30	2800	0	121	ST_CLERK	50
32	131	James	Marlow	JAMRLOW	6,501,247,234	2005-02-16	2500	0	121	ST_CLERK	50
33	132	TJ	Olson	TJOLSON	6,501,248,234	2007-10-04	100	0	121	ST_CLERK	50
34	133	Jason	Mallin	JMALLIN	6,501,271,934	2004-06-14	3300	0	122	ST_CLERK	50
35	134	Michael	Rogers	MROGERS	6,501,271,834	2006-08-26	2900	0	122	ST_CLERK	50
36	135	Ki	Gee	KGEE	6,501,271,734	2007-12-12	2400	0	122	ST_CLERK	50
37	136	Hazel	Philtanker	HPHILTAN	6,501,271,634	2008-06-02	2200	0	122	ST_CLERK	50
38	137	Renske	Ladwig	RLADWIG	6,501,211,234	2003-07-14	3600	0	123	ST_CLERK	50
39	138	Stephen	Stiles	SSTILES	6,501,212,034	2005-10-26	3200	0	123	ST_CLERK	50
40	139	John	Seo	JSEO	6,501,212,019	2006-12-02	2700	0	123	ST_CLERK	50
41	140	Joshua	Patel	JPATEL	6,501,211,834	2006-06-04	2500	0	123	ST_CLERK	50
42	141	Trenna	Rajs	TRAJS	6,501,218,009	2003-10-17	3500	0	124	ST_CLERK	50
43	142	Curtis	Davies	CDAVIES	6,501,212,994	2005-01-29	3100	0	124	ST_CLERK	50
44	143	Randall	Matos	RMATOS	6,501,212,874	2006-03-15	2600	0	124	ST_CLERK	50
45	144	Peter	Vargas	PVARGAS	6,501,212,004	2006-09-07	2500	0	124	ST_CLERK	50
46	145	John	Russell	JRUSSEL	011.44.1344....	2004-01-10	14000	0.4	100	SA_MAN	80
47	146	Karen	Partners	KPARTNER	011.44.1344....	2005-05-01	13500	0.3	100	SA_MAN	80
48	147	Alberto	Errazuriz	AERRAZUR	011.44.1344....	2005-10-03	12000	0.3	100	SA_MAN	80
49	148	Gerald	Cambraut	GCAMBRAU	011.44.1344....	2007-10-15	11000	0.3	100	SA_MAN	80
50	149	Fleni	Zlotkev	FZLOTKEY	011.44.1344....	2008-01-29	10500	0.2	100	SA_MAN	80

Results		Messages									
	id	first_name	last_name	email	phone_number	hire_date	salary	comission_pct	manager	job	department
51	150	Peter	Tucker	PTUCKER	011.44.1344....	2005-01-30	10000	0.3	145	SA_REP	80
52	151	David	Bernstein	DBERNSTE	011.44.1344....	2005-03-24	9500	0.25	145	SA_REP	80
53	152	Peter	Hall	PHALL	011.44.1344....	2005-08-20	9000	0.25	145	SA_REP	80
54	153	Christopher	Olsen	COLSEN	011.44.1344....	2006-03-30	8000	0.2	145	SA_REP	80
55	154	Nanette	Cambraut	NCAMBRAU	011.44.1344....	2006-09-12	7500	0.2	145	SA_REP	80
56	155	Oliver	Tuvault	OTUVAULT	011.44.1344....	2007-11-23	7000	0.15	145	SA_REP	80
57	156	Janette	King	JKING	011.44.1345....	2004-01-30	10000	0.35	146	SA_REP	80
58	157	Patrick	Sully	PSULLY	011.44.1345....	2004-04-03	9500	0.35	146	SA_REP	80
59	158	Allan	McEwen	AMCEWEN	011.44.1345....	2004-01-08	9000	0.35	146	SA_REP	80
60	159	Lindsey	Smith	LSMITH	011.44.1345....	2005-10-03	8000	0.3	146	SA_REP	80
61	160	Louise	Doran	LDORAN	011.44.1345....	2005-12-15	7500	0.3	146	SA_REP	80
62	161	Sarath	Sewall	SSEWALL	011.44.1345....	2006-03-11	7000	0.25	146	SA_REP	80
63	162	Clara	Vishney	CVISHNEY	011.44.1346....	2005-11-11	10500	0.25	147	SA_REP	80
64	163	Danielle	Greene	DGREENE	011.44.1346....	2007-03-19	9500	0.15	147	SA_REP	80
65	164	Mattea	Marvins	MMARVINS	011.44.1346....	2008-01-24	7200	0.1	147	SA_REP	80
66	165	David	Lee	DLEE	011.44.1346....	2008-02-23	6800	0.1	147	SA_REP	80
67	166	Sundar	Ande	SANDE	011.44.1346....	2008-03-24	6400	0.1	147	SA_REP	80
68	167	Amit	Banda	ABANDA	011.44.1346....	2008-04-21	6200	0.1	147	SA_REP	80
69	168	Lisa	Ozer	LOZER	011.44.1343....	2005-11-03	11500	0.25	148	SA_REP	80
70	169	Harrison	Bloom	HBLOOM	011.44.1343....	2006-03-23	10000	0.2	148	SA_REP	80
71	170	Taylor	Fox	TFOX	011.44.1343....	2006-01-24	9600	0.2	148	SA_REP	80
72	171	William	Smith	WSMITH	011.44.1343....	2007-02-23	7400	0.15	148	SA_REP	80
73	172	Elizabeth	Bates	EBATES	011.44.1343....	2007-03-24	7300	0.15	148	SA_REP	80
74	173	Sundita	Kumar	SKUMAR	011.44.1343....	2008-04-21	6100	0.1	148	SA_REP	80
75	174	Ellen	Abel	EABEL	011.44.1644....	2004-11-05	11000	0.3	149	SA_REP	80

Results Messages											
	id	first_name	last_name	email	phone_number	hire_date	salary	comission_pct	manager	job	department
76	175	Alyssa	Hutton	AHUTTON	011.44.1644....	2005-03-19	8800	0.25	149	SA_REP	80
77	176	Jonathon	Taylor	JTAYLOR	011.44.1644....	2006-03-24	8600	0.2	149	SA_REP	80
78	177	Jack	Livingston	JLIVINGS	011.44.1644....	2006-04-23	8400	0.2	149	SA_REP	80
79	178	Kimberely	Grant	KGRANT	011.44.1644....	2007-05-24	7000	0.15	149	SA_REP	0
80	179	Charles	Johnson	CJOHNSON	011.44.1644....	2008-04-01	6200	0.1	149	SA_REP	80
81	180	Winston	Taylor	WTAYLOR	6,505,079,876	2006-01-24	3200	0	120	SH_CLERK	50
82	181	Jean	Fleur	JFLEAUR	6,505,079,877	2006-02-23	3100	0	120	SH_CLERK	50
83	182	Martha	Sullivan	MSULLIVA	6,505,079,878	2007-06-21	2500	0	120	SH_CLERK	50
84	183	Girard	Geoni	GGEONI	6,505,079,879	2008-03-02	2800	0	120	SH_CLERK	50
85	184	Nandita	Sarchand	NSARCHAN	6,505,091,876	2004-01-27	4200	0	121	SH_CLERK	50
86	185	Alexis	Bull	ABULL	6,505,092,876	2005-02-20	4100	0	121	SH_CLERK	50
87	186	Julia	Dellinger	JDELLING	6,505,093,876	2006-06-24	3400	0	121	SH_CLERK	50
88	187	Anthony	Cabrio	ACABRIO	6,505,094,876	2007-07-02	3000	0	121	SH_CLERK	50
89	188	Kelly	Chung	KCHUNG	6,505,051,876	2005-06-14	3800	0	122	SH_CLERK	50
90	189	Jennifer	Dilly	JDILLY	6,505,052,876	2005-08-13	3600	0	122	SH_CLERK	50
91	190	Timothy	Gates	TGATES	6,505,053,876	2006-11-07	2900	0	122	SH_CLERK	50
92	191	Randall	Perkins	RPERKINS	6,505,054,876	2007-12-19	2500	0	122	SH_CLERK	50
93	192	Sarah	Bell	SBELL	6,505,011,876	2004-04-02	4000	0	123	SH_CLERK	50
94	193	Britney	Everett	BEVERETT	6,505,012,876	2005-03-03	3900	0	123	SH_CLERK	50
95	194	Samuel	McCain	SMCCAIN	6,505,013,876	2006-01-07	3200	0	123	SH_CLERK	50
96	195	Vance	Jones	VJONES	6,505,014,876	2007-03-17	2800	0	123	SH_CLERK	50
97	196	Alana	Walsh	AWALSH	6,505,079,811	2006-04-24	3100	0	124	SH_CLERK	50
98	197	Kevin	Feeney	KFEENEY	6,505,079,822	2006-05-23	3000	0	124	SH_CLERK	50
99	198	Donald	OConnell	DOCONNEL	6,505,079,833	2007-06-21	2600	0	124	SH_CLERK	50
100	199	Douglas	Grant	DGRANT	6,505,079,844	2008-01-13	2600	0	124	SH_CLERK	50
101	200	Jennifer	Whalen	JWHALEN	5,151,234,444	2003-09-17	4400	0	101	AD_ASST	10
102	201	Michael	Hartstein	MHARTSTE	5,151,235,555	2004-02-17	13000	0	100	MK_MAN	20
103	202	Pat	Fay	PFAY	6,031,236,666	2005-08-17	6000	0	201	MK_REP	20
104	203	Susan	Mavris	SMAVRIS	5,151,237,777	2002-07-06	6500	0	101	HR_REP	40
105	204	Hermann	Baer	HBAER	5,151,238,888	2002-07-06	10000	0	101	PR_REP	70
106	205	Shelley	Higgins	SHIGGINS	5,151,238,080	2002-07-06	12008	0	101	AC_MGR	110
107	206	William	Gietz	WGIETZ	5,151,238,181	2002-07-06	8300	0	205	AC_ACCOU...	110

b) `SELECT * FROM employee WHERE salary >= 7000; --Menampilkan semua data pada table employee yang memiliki salary lebih besar sama dengan 7000--`

Results Messages											
	id	first_name	last_name	email	phone_number	hire_date	salary	comission_pct	manager	job	department
1	100	Steven	King	SKING	5,151,234,567	2003-06-17	24000	0	0	AD_PRES	90
2	101	Neena	Kochhar	NKOCHHAR	5,151,234,568	2005-09-21	17000	0	100	AD_VP	90
3	102	Lex	De Haan	LDEHAAN	5,151,234,569	2001-01-13	17000	0	100	AD_VP	90
4	103	Alexander	Hunold	AHUNOLD	5,904,234,567	2006-03-01	9000	0	102	IT_PROG	60
5	108	Nancy	Greenberg	NGREENBE	5,151,244,569	2002-08-17	12008	0	101	FI_MGR	100
6	109	Daniel	Faviet	DFAVIET	5,151,244,169	2002-08-16	9000	0	108	FI_ACCOUNT	100
7	110	John	Chen	JCHEN	5,151,244,269	2005-09-28	8200	0	108	FI_ACCOUNT	100
8	111	Ismael	Sciarra	ISCIARRA	5,151,244,369	2005-09-30	7700	0	108	FI_ACCOUNT	100
9	112	Jose Manuel	Uman	JMURMAN	5,151,244,469	2006-07-03	7800	0	108	FI_ACCOUNT	100
10	114	Den	Raphaely	DRAPHEAL	5,151,274,561	2002-07-12	11000	0	100	PU_MAN	30
11	120	Matthew	Weiss	MWEISS	6,501,231,234	2004-07-18	8000	0	100	ST_MAN	50
12	121	Adam	Frapp	AFRIPP	6,501,232,234	2005-10-04	8200	0	100	ST_MAN	50
13	122	Payam	Kaufling	PKAUFLIN	6,501,233,234	2003-01-05	7900	0	100	ST_MAN	50
14	145	John	Russell	JRUSSEL	011.44.1344....	2004-01-10	14000	0.4	100	SA_MAN	80
15	146	Karen	Partners	KPARTNER	011.44.1344....	2005-05-01	13500	0.3	100	SA_MAN	80
16	147	Alberto	Errazuriz	AERRAZUR	011.44.1344....	2005-10-03	12000	0.3	100	SA_MAN	80
17	148	Gerald	Cambrault	GCAMBRAU	011.44.1344....	2007-10-15	11000	0.3	100	SA_MAN	80
18	149	Eleni	Zlotkey	EZLOTKEY	011.44.1344....	2008-01-29	10500	0.2	100	SA_MAN	80
19	150	Peter	Tucker	PTUCKER	011.44.1344....	2005-01-30	10000	0.3	145	SA_REP	80
20	151	David	Bernstein	DBERNSTE	011.44.1344....	2005-03-24	9500	0.25	145	SA_REP	80
21	152	Peter	Hall	PHALL	011.44.1344....	2005-08-20	9000	0.25	145	SA_REP	80
22	153	Christopher	Olsen	COLSEN	011.44.1344....	2006-03-30	8000	0.2	145	SA_REP	80
23	154	Nanette	Cambrault	NCAMBRAU	011.44.1344....	2006-09-12	7500	0.2	145	SA_REP	80
24	155	Oliver	Tuvault	OTUVAULT	011.44.1344....	2007-11-23	7000	0.15	145	SA_REP	80
25	156	Janette	King	JKING	011.44.1345....	2004-01-30	10000	0.35	146	SA_REP	80

Results Messages											
	id	first_name	last_name	email	phone_number	hire_date	salary	comission_pct	manager	job	department
24	155	Oliver	Tuvault	OTUVAULT	011.44.1344....	2007-11-23	7000	0.15	145	SA_REP	80
25	156	Janette	King	JKING	011.44.1345....	2004-01-30	10000	0.35	146	SA_REP	80
26	157	Patrick	Sully	PSULLY	011.44.1345....	2004-04-03	9500	0.35	146	SA_REP	80
27	158	Allan	McEwen	AMCEWEN	011.44.1345....	2004-01-08	9000	0.35	146	SA_REP	80
28	159	Lindsey	Smith	LSMITH	011.44.1345....	2005-10-03	8000	0.3	146	SA_REP	80
29	160	Louise	Doran	LDORAN	011.44.1345....	2005-12-15	7500	0.3	146	SA_REP	80
30	161	Sarath	Sewall	SSEWALL	011.44.1345....	2006-03-11	7000	0.25	146	SA_REP	80
31	162	Clara	Vishney	CVISHNEY	011.44.1346....	2005-11-11	10500	0.25	147	SA_REP	80
32	163	Danielle	Greene	DGREENE	011.44.1346....	2007-03-19	9500	0.15	147	SA_REP	80
33	164	Mattea	Marvins	MMARVINS	011.44.1346....	2008-01-24	7200	0.1	147	SA_REP	80
34	168	Lisa	Ozer	LOZER	011.44.1343....	2005-11-03	11500	0.25	148	SA_REP	80
35	169	Harrison	Bloom	HBLOOM	011.44.1343....	2006-03-23	10000	0.2	148	SA_REP	80
36	170	Taylor	Fox	TFOX	011.44.1343....	2006-01-24	9600	0.2	148	SA_REP	80
37	171	William	Smith	WSMITH	011.44.1343....	2007-02-23	7400	0.15	148	SA_REP	80
38	172	Elizabeth	Bates	EBATES	011.44.1343....	2007-03-24	7300	0.15	148	SA_REP	80
39	174	Ellen	Abel	EABEL	011.44.1644....	2004-11-05	11000	0.3	149	SA_REP	80
40	175	Alyssa	Hutton	AHUTTON	011.44.1644....	2005-03-19	8800	0.25	149	SA_REP	80
41	176	Jonathon	Taylor	JTAYLOR	011.44.1644....	2006-03-24	8600	0.2	149	SA_REP	80
42	177	Jack	Livingston	JLIVINGS	011.44.1644....	2006-04-23	8400	0.2	149	SA_REP	80
43	178	Kimberely	Grant	KGRANT	011.44.1644....	2007-05-24	7000	0.15	149	SA_REP	0
44	201	Michael	Hartstein	MHARTSTE	5,151,235,555	2004-02-17	13000	0	100	MK_MAN	20
45	204	Hermann	Baer	HBAER	5,151,238,888	2002-07-06	10000	0	101	PR_REP	70
46	205	Shelley	Higgins	SHIGGINS	5,151,238,080	2002-07-06	12008	0	101	AC_MGR	110
47	206	William	Gietz	WGIEZT	5,151,238,181	2002-07-06	8300	0	205	AC_ACCOU...	110

c) `SELECT first_name, last_name`
`FROM employee`
`WHERE first_name LIKE 'a%';` --Menampilkan semua data pada table employee yang namanya (first name / last name) mengandung karakter 'a', diurutkan berdasarkan first name--

	first_name	last_name
1	Neena	Kochhar
2	Alexander	Hunold
3	David	Austin
4	Valli	Pataballa
5	Diana	Lorentz
6	Nancy	Greenberg
7	Daniel	Faviet
8	Ismael	Sciarra
9	Jose Ma...	Uman
10	Alexander	Khoo
11	Sigal	Tobias
12	Karen	Colmena...
13	Matthew	Weiss
14	Adam	Fripp
15	Payam	Kaufling
16	Shanta	Vollman
17	Julia	Nayer
18	James	Landry
19	Laura	Bissot
20	James	Marlow
21	Jason	Mallin
22	Michael	Rogers
23	Hazel	Philtanker
24	Joshua	Patel
25	Trenna	Rais

- d) `SELECT * FROM employee WHERE hire_date < '2005/01/01' order BY hire_date desc; --`
 Menampilkan semua data pada table employee yang bekerja sebelum tahun 2005,
 diurutkan berdasarkan hire_date dari paling terbaru.-

	id	first_name	last_name	email	phone_number	hire_date	salary	comission_pct	manager	job	department
1	174	Ellen	Abel	EABEL	011.44.1644.429267	2004-11-05	11000	0.3	149	SA_REP	80
2	120	Matthew	Weiss	MWEISS	6.501.231.234	2004-07-18	8000	0	100	ST_MAN	50
3	133	Jason	Mallin	JMALLIN	6.501.271.934	2004-06-14	3300	0	122	ST_CLERK	50
4	157	Patrick	Sully	PSULLY	011.44.1345.929268	2004-04-03	9500	0.35	146	SA_REP	80
5	192	Sarah	Bell	SBELL	6.505.011.876	2004-04-02	4000	0	123	SH_CLERK	50
6	201	Michael	Hartstein	MHARTSTE	5.151.235.555	2004-02-17	13000	0	100	MK_MAN	20
7	156	Janette	King	JKING	011.44.1345.429268	2004-01-30	10000	0.35	146	SA_REP	80
8	184	Nandita	Sarchand	NSARCHAN	6.505.091.876	2004-01-27	4200	0	121	SH_CLERK	50
9	145	John	Russell	JRUSSEL	011.44.1344.429268	2004-01-10	14000	0.4	100	SA_MAN	80
10	158	Allan	McEwen	AMCEWEN	011.44.1345.829268	2004-01-08	9000	0.35	146	SA_REP	80
11	141	Trenna	Rajs	TRAJS	6.501.218.009	2003-10-17	3500	0	124	ST_CLERK	50
12	200	Jennifer	Whalen	JWHALEN	5.151.234.444	2003-09-17	4400	0	101	AD_ASST	10
13	137	Renske	Ladwig	RLADWIG	6.501.211.234	2003-07-14	3600	0	123	ST_CLERK	50
14	100	Steven	King	SKING	5.151.234.567	2003-06-17	24000	0	0	AD PRES	90
15	115	Alexander	Khoo	AKHOO	5.151.274.562	2003-05-18	3100	0	114	PU_CLERK	30
16	122	Payam	Kaufling	PKAUFLIN	6.501.233.234	2003-01-05	7900	0	100	ST_MAN	50
17	108	Nancy	Greenb...	NGREENBE	5.151.244.569	2002-08-17	12008	0	101	FI_MGR	100
18	109	Daniel	Faviet	DFAVIET	5.151.244.169	2002-08-16	9000	0	108	FI_ACCO...	100
19	114	Den	Raphaely	DRAPHEAL	5.151.274.561	2002-07-12	11000	0	100	PU_MAN	30
20	203	Susan	Mavris	SMAVRIS	5.151.237.777	2002-07-06	6500	0	101	HR_REP	40
21	204	Hemann	Baer	HBAER	5.151.238.888	2002-07-06	10000	0	101	PR_REP	70
22	205	Shelley	Higgins	SHIGGINS	5.151.238.080	2002-07-06	12008	0	101	AC_MGR	110
23	206	William	Gietz	WGIEZT	5.151.238.181	2002-07-06	8300	0	205	AC_ACC...	110
24	102	Lex	De Haan	LDEHAAN	5.151.234.569	2001-01-13	17000	0	100	AD_VP	90

2.

a. `SELECT country.id, country.name, region.name`

`FROM country full join region on country.region = region.id ; --Menampilkan country.id, country.name, region.name--`

	id	name	name
1	AR	Argentina	Americas
2	AU	Australia	Asia
3	BE	Belgium	Europe
4	BR	Brazil	Americas
5	CA	Canada	Americas
6	CH	Switzerl...	Europe
7	CN	China	Asia
8	DE	Germany	Europe
9	DK	Denmark	Europe
10	EG	Egypt	Middle ...
11	FR	France	Europe
12	ID	Indonesia	Europe
13	IL	Israel	Middle ...
14	IN	India	Asia
15	IT	Italy	Europe
16	JP	Japan	Asia
17	K...	Kuwait	Middle ...
18	ML	Malaysia	Asia
19	MX	Mexico	Americas
20	NG	Nigeria	Middle ...
21	NL	Netherl...	Europe
22	SG	Singap...	Asia
23	UK	United ...	Europe
24	US	United ...	Europe
25	ZM	Zambia	Middle

- b. `SELECT employee.first_name, employee.last_name, job.title, department.name
FROM employee full join job on employee.job = job.id
full join department on employee.department = department.id ; --Menampilkan
employee.first_name, employee.last_name, job.title, department.name`

	first_name	last_name	title	name
1	Steven	King	President	Executive
2	Neena	Kochhar	Administration Vice President	Executive
3	Lex	De Haan	Administration Vice President	Executive
4	Alexander	Hunold	Programmer	IT
5	Bruce	Ernst	Programmer	IT
6	David	Austin	Programmer	IT
7	Valli	Pataballa	Programmer	IT
8	Diana	Lorentz	Programmer	IT
9	Nancy	Greenb...	Finance Manager	Finance
10	Daniel	Faviet	Accountant	Finance
11	John	Chen	Accountant	Finance
12	Ismael	Sciarra	Accountant	Finance
13	Jose Ma...	Uman	Accountant	Finance
14	Luis	Popp	Accountant	Finance
15	Den	Raphaely	Purchasing Manager	Purchas...
16	Alexander	Khoo	Purchasing Clerk	Purchas...
17	Shelli	Baida	Purchasing Clerk	Purchas...
18	Sigal	Tobias	Purchasing Clerk	Purchas...
19	Guy	Himuro	Purchasing Clerk	Purchas...
20	Karen	Colmen...	Purchasing Clerk	Purchas...
21	Matthew	Weiss	Stock Manager	Shipping
22	Adam	Fripp	Stock Manager	Shipping
23	Payam	Kauffling	Stock Manager	Shipping
24	Shanta	Vollman	Stock Manager	Shipping
25	Kevin	Mourgos	Stock Manager	Shinnin...

- c. `select A.first_name+' '+A.last_name as Fullname, B.manager from employee A,
employee B where A.id = B.id;`

Results Messages		
	Fullname	manager
1	Steven King	0
2	Neena Kochhar	100
3	Lex De Haan	100
4	Alexander Hunold	102
5	Bruce Ernst	103
6	David Austin	103
7	Valli Pataballa	103
8	Diana Lorentz	103
9	Nancy Greenberg	101
10	Daniel Faviet	108
11	John Chen	108
12	Ismael Sciarra	108
13	Jose Manuel Ur...	108
14	Luis Popp	108
15	Den Raphaely	100
16	Alexander Khoo	114
17	Shelli Baida	114
18	Sigal Tobias	114
19	Guy Himuro	114
20	Karen Colmenares	114
21	Matthew Weiss	100
22	Adam Frip	100
23	Payam Kaufling	100
24	Shanta Vollman	100
25	Kevin Mourmos	100

3.

A. `SELECT avg(salary)`
`FROM employee;` --Menampilkan rata-rata gaji karyawan--

	(No column name)
1	6443

B. `SELECT min(salary), max(salary)`
`FROM employee`
`where department = 70;` --Menampilkan gaji tertinggi & terendah karyawan yang bekerja di department "Public Relation"--

	(No column name)	(No column name)
1	10000	10000

C. `SELECT * from employee`
`WHERE salary > (SELECT AVG(salary) from employee);` --Menampilkan semua karyawan yang bergaji diatas rata-rata gaji karyawan.--

Results		Messages									
	id	first_name	last_name	email	phone_number	hire_date	salary	comission_pct	manager	job	department
1	100	Steven	King	SKING	5,151,234,567	2003-06-17	24000	0	0	AD_PRES	90
2	101	Neena	Kochhar	NKOCHHAR	5,151,234,568	2005-09-21	17000	0	100	AD_VP	90
3	102	Lex	De Haan	LDEHAAN	5,151,234,569	2001-01-13	17000	0	100	AD_VP	90
4	103	Alexander	Hunold	AHUNOLD	5,904,234,567	2006-03-01	9000	0	102	IT_PROG	60
5	108	Nancy	Greenb...	NGREENBE	5,151,244,569	2002-08-17	12008	0	101	FI_MGR	100
6	109	Daniel	Faviet	DFAVIET	5,151,244,169	2002-08-16	9000	0	108	FI_ACC...	100
7	110	John	Chen	JCHEN	5,151,244,269	2005-09-28	8200	0	108	FI_ACC...	100
8	111	Ismael	Sciarra	ISCIARRA	5,151,244,369	2005-09-30	7700	0	108	FI_ACC...	100
9	112	Jose Ma...	Uman	JMURMAN	5,151,244,469	2006-07-03	7800	0	108	FI_ACC...	100
10	113	Luis	Popp	LPOPP	5,151,244,567	2007-07-12	6900	0	108	FI_ACC...	100
11	114	Den	Raphaely	DRAPHEAL	5,151,274,561	2002-07-12	11000	0	100	PU_MAN	30
12	120	Matthew	Weiss	MWEISS	6,501,231,234	2004-07-18	8000	0	100	ST_MAN	50
13	121	Adam	Fripp	AFRIPP	6,501,232,234	2005-10-04	8200	0	100	ST_MAN	50
14	122	Payam	Kaufling	PKAUFLIN	6,501,233,234	2003-01-05	7900	0	100	ST_MAN	50
15	123	Shanta	Vollman	SVOLLMAN	6,501,234,234	2005-10-10	6500	0	100	ST_MAN	50
16	145	John	Russell	JRUSSEL	011.44.1344....	2004-01-10	14000	0.4	100	SA_MAN	80
17	146	Karen	Partners	KPARTNER	011.44.1344....	2005-05-01	13500	0.3	100	SA_MAN	80
18	147	Alberto	Errazuriz	AERRAZUR	011.44.1344....	2005-10-03	12000	0.3	100	SA_MAN	80
19	148	Gerald	Cambrault	GCAMBRAU	011.44.1344....	2007-10-15	11000	0.3	100	SA_MAN	80
20	149	Eleni	Zlotkey	EZLOTKEY	011.44.1344....	2008-01-29	10500	0.2	100	SA_MAN	80
21	150	Peter	Tucker	PTUCKER	011.44.1344....	2005-01-30	10000	0.3	145	SA_REP	80
22	151	David	Bernstein	DBERNSTE	011.44.1344....	2005-03-24	9500	0.25	145	SA_REP	80
23	152	Peter	Hall	PHALL	011.44.1344....	2005-08-20	9000	0.25	145	SA_REP	80