MUHAMMAD RISAL MAULANA
2231750003

Praktikum 1

```
MariaDB [jadwal_perkuliahan]> SELECT * FROM jadwal;
+-------------+------------+------------+---------+------------+----------+----------+------------+
| kode_jadwal | kode_kelas | kode_dosen | kode_mk | kode_ruang | kode_hari | jp_mulai | jp_selesai |
+-------------+------------+------------+---------+------------+----------+----------+------------+
|           1 | 2021020101 | D001       | 02001   | 0504       | 001      |        7 |          9 |
|           2 | 2021010103 | D001       | 02001   | 0506       | 002      |        9 |         11 |
|           3 | 2021010105 | D001       | 02001   | 0806       | 003      |       10 |         12 |
|           4 | 2021010102 | D001       | 02001   | 0506       | 004      |        1 |          3 |
|           5 | 2021010106 | D001       | 02001   | 0806       | 004      |        4 |          6 |
|           6 | 2021010101 | D001       | 02001   | 0506       | 004      |        7 |          9 |
|           7 | 2021010104 | D001       | 02001   | 0506       | 005      |       10 |         12 |
|           8 | 2021010206 | D002       | 02037   | 0702       | 001      |        7 |         12 |
|           9 | 2021020202 | D002       | 02036   | 0708       | 003      |        2 |          4 |
|          10 | 2021010205 | D002       | 02037   | 0713       | 004      |        1 |          6 |
|          11 | 2021020209 | D002       | 02025   | 0719       | 004      |        7 |         12 |
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|          13 | 2021020302 | D003       | 02012   | 0508       | 002      |        1 |          4 |
|          14 | 2021010201 | D003       | 02017   | 0719       | 003      |        2 |          5 |
|          15 | 2021010202 | D003       | 02017   | 0719       | 003      |        2 |          5 |
|          16 | 2021010203 | D003       | 02017   | 0507       | 005      |        2 |          5 |
|          17 | 2021010106 | D004       | 02028   | 0704       | 001      |        1 |          3 |
|          18 | 2021020203 | D004       | 02032   | 0507       | 001      |       10 |         12 |
|          19 | 2021010201 | D004       | 02034   | 0617       | 002      |        7 |         12 |
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|          32 | 2021010204 | D006       | 02037   | 0619       | 005      |        7 |         12 |
|          33 | 2021010103 | D007       | 02011   | 0705       | 002      |        2 |          6 |
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|          35 | 2021020102 | D007       | 02038   | 0503       | 003      |        3 |          5 |
|          36 | 2021010102 | D007       | 02011   | 0615       | 004      |        8 |         12 |
|          37 | 2021010101 | D007       | 02011   | 0703       | 005      |        2 |          6 |
|          38 | 2021010306 | D008       | 02012   | 0619       | 001      |        2 |          5 |
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|          42 | 2021010304 | D008       | 02012   | 0507       | 005      |        9 |         12 |
|          43 | 2021010305 | D008       | 02012   | 0507       | 005      |        9 |         12 |
|          44 | 2021020103 | D009       | 02035   | 0505       | 002      |        7 |         10 |
|          45 | 2021020104 | D009       | 02035   | 0505       | 002      |        7 |         10 |
|          46 | 2021020204 | D009       | 02005   | 0704       | 003      |        7 |         12 |
|          47 | 2021020203 | D009       | 02005   | 0705       | 005      |        1 |          6 |
|          48 | 2021010103 | D010       | 02026   | 0806       | 001      |        3 |          4 |
```

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|          41 | 2021020105 | D008       | 02038   | 0505       | 004      |        4 |          6 |
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|          49 | 2021010202 | D010       | 02023   | 0704       | 001      |        8 |         11 |
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|          54 | 2021010203 | D011       | 02019   | 0706       | 004      |        1 |          5 |
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|          56 | 2021010202 | D011       | 02019   | 0706       | 005      |        1 |          5 |
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|          70 | 2021020308 | D014       | 02017   | 0714       | 005      |        7 |         10 |
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|          75 | 2021020103 | D016       | 02038   | 0506       | 001      |        1 |          3 |
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|          77 | 2021010103 | D016       | 02038   | 0501       | 004      |        4 |          6 |
|          78 | 2021010104 | D016       | 02038   | 0501       | 004      |        4 |          6 |
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|          80 | 2021020106 | D017       | 02004   | 0805       | 004      |        3 |          6 |
|          81 | 2021020302 | D017       | 02027   | 0702       | 004      |        7 |         12 |
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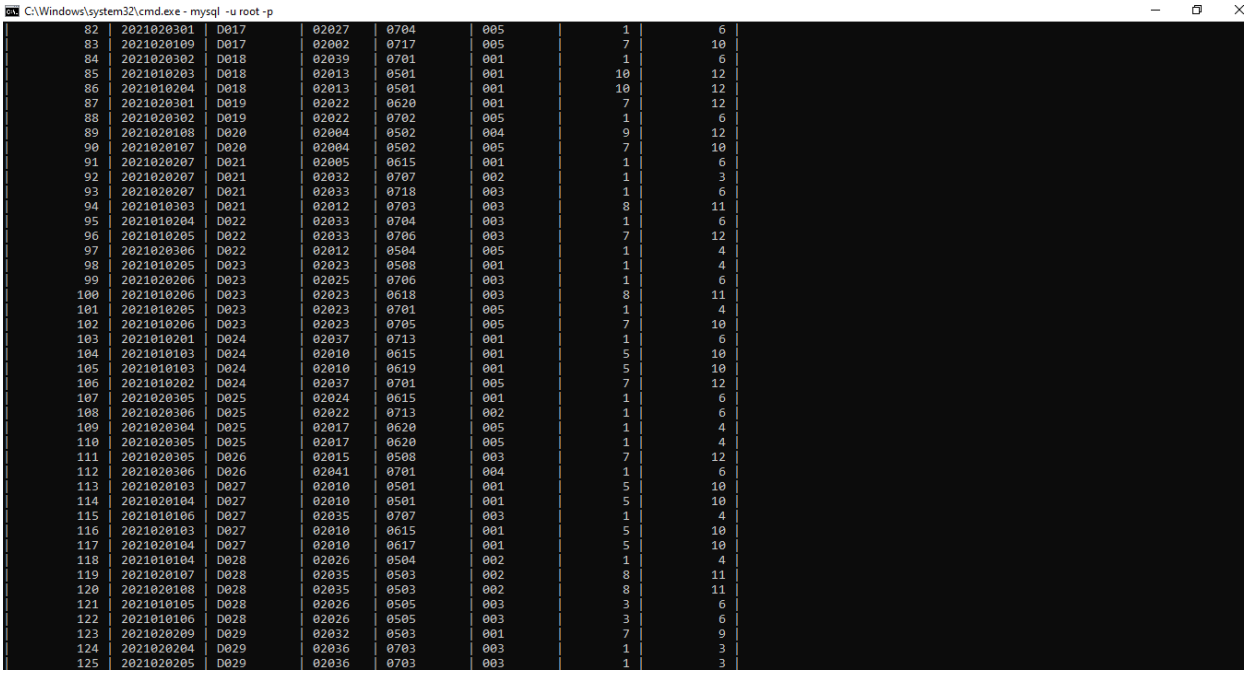

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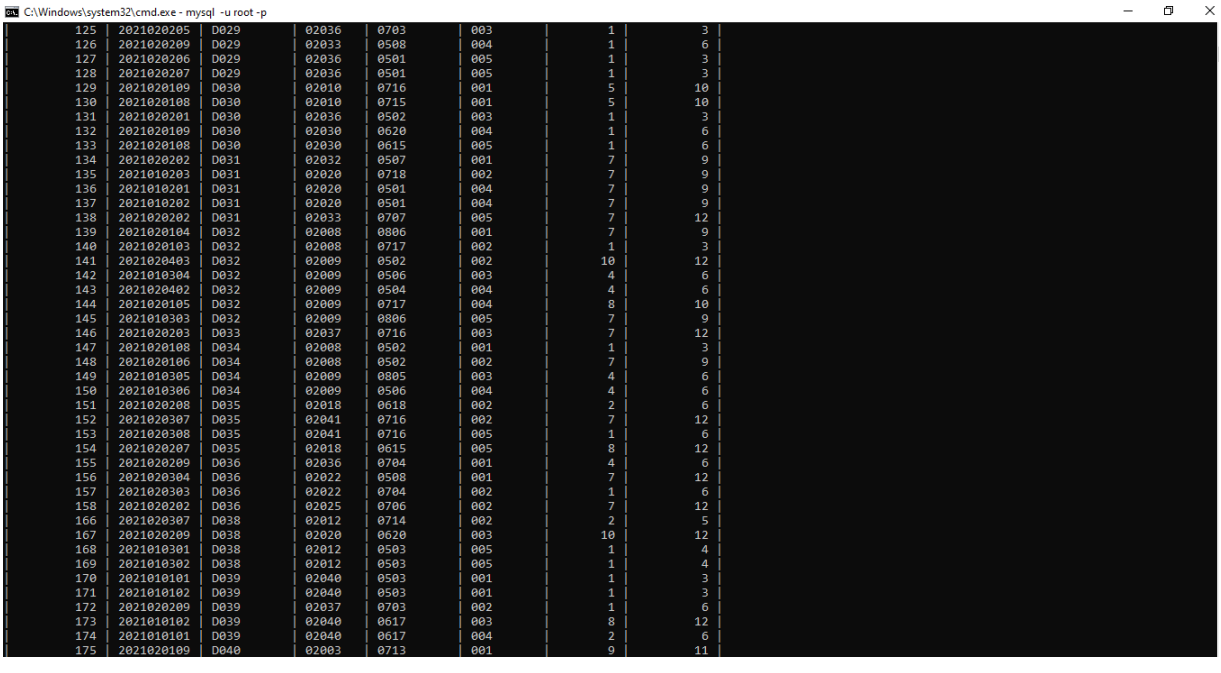

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133	2021020108	D030	02030	0615	005	1	6
134	2021020202	D031	02032	0507	001	7	9
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136	2021010201	D031	02020	0501	004	7	9
137	2021010202	D031	02020	0501	004	7	9
138	2021020202	D031	02033	0707	005	7	12
139	2021020104	D032	02008	0806	001	7	9
140	2021020103	D032	02008	0717	002	1	3
141	2021020403	D032	02009	0502	002	10	12
142	2021010304	D032	02009	0506	003	4	6
143	2021020402	D032	02009	0504	004	4	6
144	2021020105	D032	02009	0717	004	8	10
145	2021010303	D032	02009	0806	005	7	9
146	2021020203	D033	02037	0716	003	7	12
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182	2021020205	D042	02037	0703	001	7	12
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184	2021020101	D042	02035	0505	005	2	5
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189	2021020208	D043	02036	0507	004	7	9
190	2021020205	D043	02025	0720	005	1	6
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C:\Windows\system32\cmd.exe - mysql -u root -p

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C:\Windows\system32\cmd.exe - mysql -u root -p

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182	2021020205	D042	02037	0703	001	7	12
183	2021020204	D042	02037	0715	004	7	12
184	2021020101	D042	02035	0505	005	2	5
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186	2021010204	D043	02017	0705	001	2	5
187	2021010205	D043	02017	0505	002	2	5
188	2021010204	D043	02017	0505	002	2	5

C:\Windows\system32\cmd.exe - mysql -u root -p

185	2021020102	D042	02035	0505	005	2	5
186	2021010204	D043	02017	0705	001	2	5
187	2021010205	D043	02017	0505	002	2	5
188	2021010204	D043	02017	0505	002	2	5
189	2021020208	D043	02036	0507	004	7	9
190	2021020205	D043	02025	0720	005	1	6
191	2021020201	D044	02032	0706	001	3	5
192	2021010205	D044	02021	0618	001	10	12
193	2021010206	D044	02021	0618	001	10	12
194	2021020206	D044	02020	0707	004	3	5
195	2021020207	D044	02020	0707	004	3	5
196	2021020201	D044	02033	0713	004	7	12
197	2021020208	D045	02037	0718	001	1	6
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199	2021020107	D045	02030	0615	003	1	6
200	2021020207	D045	02037	0619	004	7	12
201	2021020103	D046	02003	0501	001	4	6
202	2021020101	D046	02010	0617	001	5	10
203	2021020101	D046	02030	0704	004	1	6
204	2021020209	D046	02018	0707	005	1	5
205	2021020103	D046	02003	0702	005	7	12
206	2021020308	D047	02022	0620	001	1	6
207	2021020203	D047	02020	0805	001	7	9
208	2021020201	D047	02020	0620	002	1	3
209	2021020202	D047	02020	0620	002	1	3
210	2021020307	D047	02022	0715	003	1	6
211	2021020305	D048	02027	0716	002	1	6
212	2021020201	D048	02025	0503	004	1	6
213	2021020208	D048	02025	0713	005	1	6
214	2021020306	D048	02027	0620	005	7	12
215	2021010106	D049	02010	0716	001	5	10
216	2021020204	D049	02025	0719	002	1	6
217	2021020203	D049	02025	0703	002	7	12
218	2021010106	D049	02030	0706	004	7	12
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220	2021020103	D050	02001	0506	001	7	9
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222	2021020109	D050	02001	0805	003	1	3
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225	2021020107	D050	02001	0805	004	10	12
226	2021020108	D050	02001	0805	005	7	9
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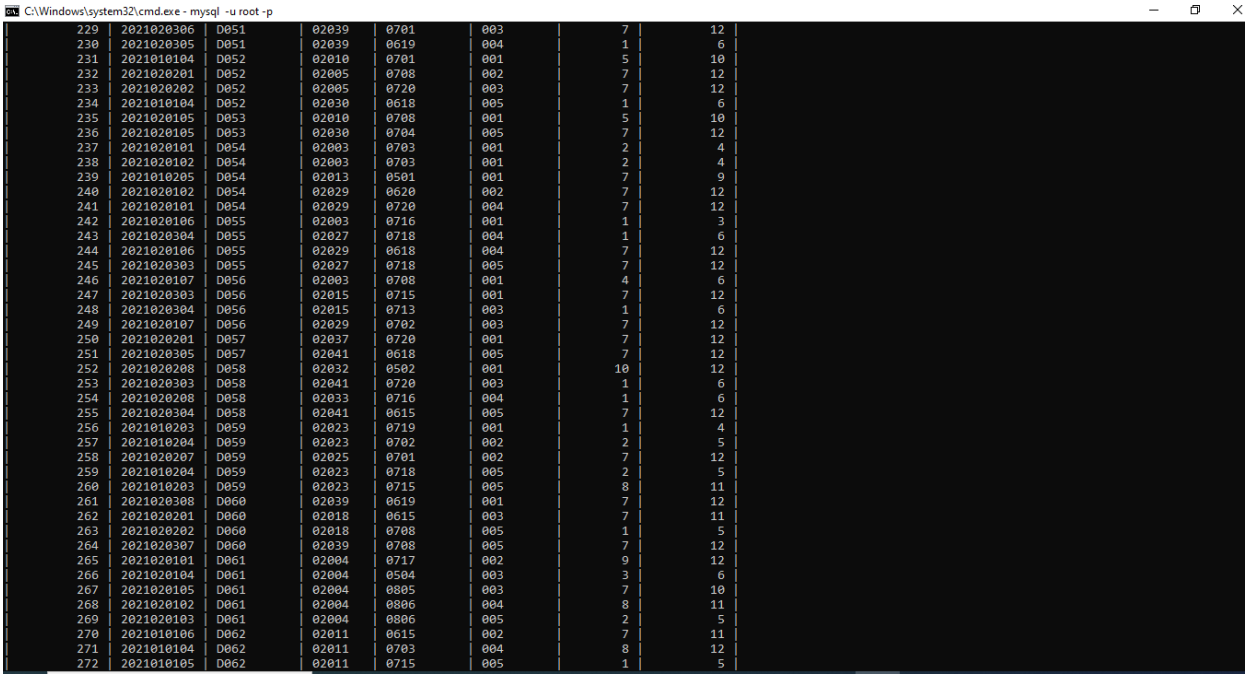

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231	2021010104	D052	02010	0701	001	5	10
232	2021020201	D052	02005	0708	002	7	12
233	2021020202	D052	02005	0720	003	7	12
234	2021010104	D052	02030	0618	005	1	6
235	2021020105	D053	02010	0708	001	5	10
236	2021020105	D053	02030	0704	005	7	12
237	2021020101	D054	02003	0703	001	2	4
238	2021020102	D054	02003	0703	001	2	4
239	2021010205	D054	02013	0501	001	7	9
240	2021020102	D054	02029	0620	002	7	12
241	2021020101	D054	02029	0720	004	7	12
242	2021020106	D055	02003	0716	001	1	3
243	2021020304	D055	02027	0718	004	1	6
244	2021020106	D055	02029	0618	004	7	12
245	2021020303	D055	02027	0718	005	7	12
246	2021020107	D056	02003	0708	001	4	6
247	2021020303	D056	02015	0715	001	7	12
248	2021020304	D056	02015	0713	003	1	6
249	2021020107	D056	02029	0702	003	7	12
250	2021020201	D057	02037	0720	001	7	12
251	2021020305	D057	02041	0618	005	7	12
252	2021020208	D058	02032	0502	001	10	12
253	2021020303	D058	02041	0720	003	1	6
254	2021020208	D058	02033	0716	004	1	6
255	2021020304	D058	02041	0615	005	7	12
256	2021010203	D059	02023	0719	001	1	4
257	2021010204	D059	02023	0702	002	2	5
258	2021020207	D059	02025	0701	002	7	12
259	2021010204	D059	02023	0718	005	2	5
260	2021010203	D059	02023	0715	005	8	11
261	2021020308	D060	02039	0619	001	7	12
262	2021020201	D060	02018	0615	003	7	11
263	2021020202	D060	02018	0708	005	1	5
264	2021020307	D060	02039	0708	005	7	12
265	2021020101	D061	02004	0717	002	9	12
266	2021020104	D061	02004	0504	003	3	6
267	2021020105	D061	02004	0805	003	7	10
268	2021020102	D061	02004	0806	004	8	11
269	2021020103	D061	02004	0806	005	2	5
270	2021010106	D062	02011	0615	002	7	11
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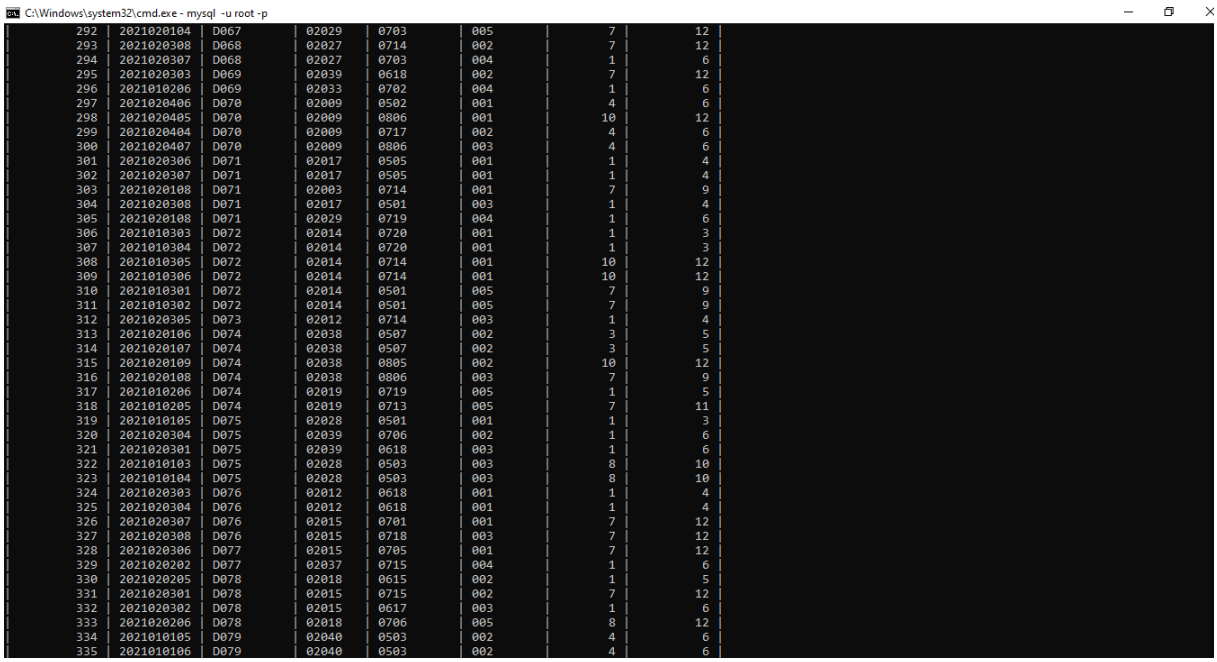
272	2021010105	D062	02011	0715	005	1	5



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293	2021020308	D068	02027	0714	002	7	12
294	2021020307	D068	02027	0703	004	1	6
295	2021020303	D069	02039	0618	002	7	12
296	2021010206	D069	02033	0702	004	1	6
297	2021020406	D070	02009	0502	001	4	6
298	2021020405	D070	02009	0806	001	10	12
299	2021020404	D070	02009	0717	002	4	6
300	2021020407	D070	02009	0806	003	4	6
301	2021020306	D071	02017	0505	001	1	4
302	2021020307	D071	02017	0505	001	1	4
303	2021020108	D071	02003	0714	001	7	9
304	2021020308	D071	02017	0501	003	1	4
305	2021020108	D071	02029	0719	004	1	6
306	2021010303	D072	02014	0720	001	1	3
307	2021010304	D072	02014	0720	001	1	3
308	2021010305	D072	02014	0714	001	10	12
309	2021010306	D072	02014	0714	001	10	12
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311	2021010302	D072	02014	0501	005	7	9
312	2021020305	D073	02012	0714	003	1	4
313	2021020106	D074	02038	0507	002	3	5
314	2021020107	D074	02038	0507	002	3	5
315	2021020109	D074	02038	0805	002	10	12
316	2021020108	D074	02038	0806	003	7	9
317	2021010206	D074	02019	0719	005	1	5
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319	2021010105	D075	02028	0501	001	1	3
320	2021020304	D075	02039	0706	002	1	6
321	2021020301	D075	02039	0618	003	1	6
322	2021010103	D075	02028	0503	003	8	10
323	2021010104	D075	02028	0503	003	8	10
324	2021020303	D076	02012	0618	001	1	4
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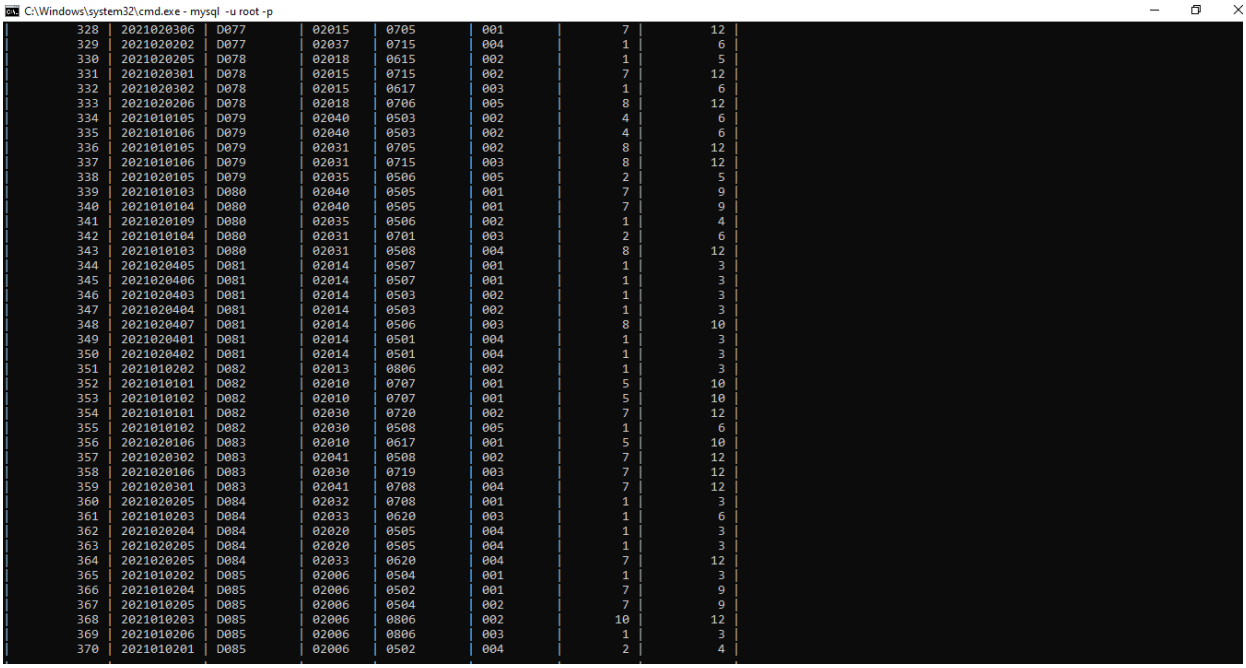
326	2021020307	D076	02015	0701	001	7	12
327	2021020308	D076	02015	0718	003	7	12
328	2021020306	D077	02015	0705	001	7	12
329	2021020202	D077	02037	0715	004	1	6
330	2021020205	D078	02018	0615	002	1	5
331	2021020301	D078	02015	0715	002	7	12
332	2021020302	D078	02015	0617	003	1	6
333	2021020206	D078	02018	0706	005	8	12
334	2021010105	D079	02040	0503	002	4	6
335	2021010106	D079	02040	0503	002	4	6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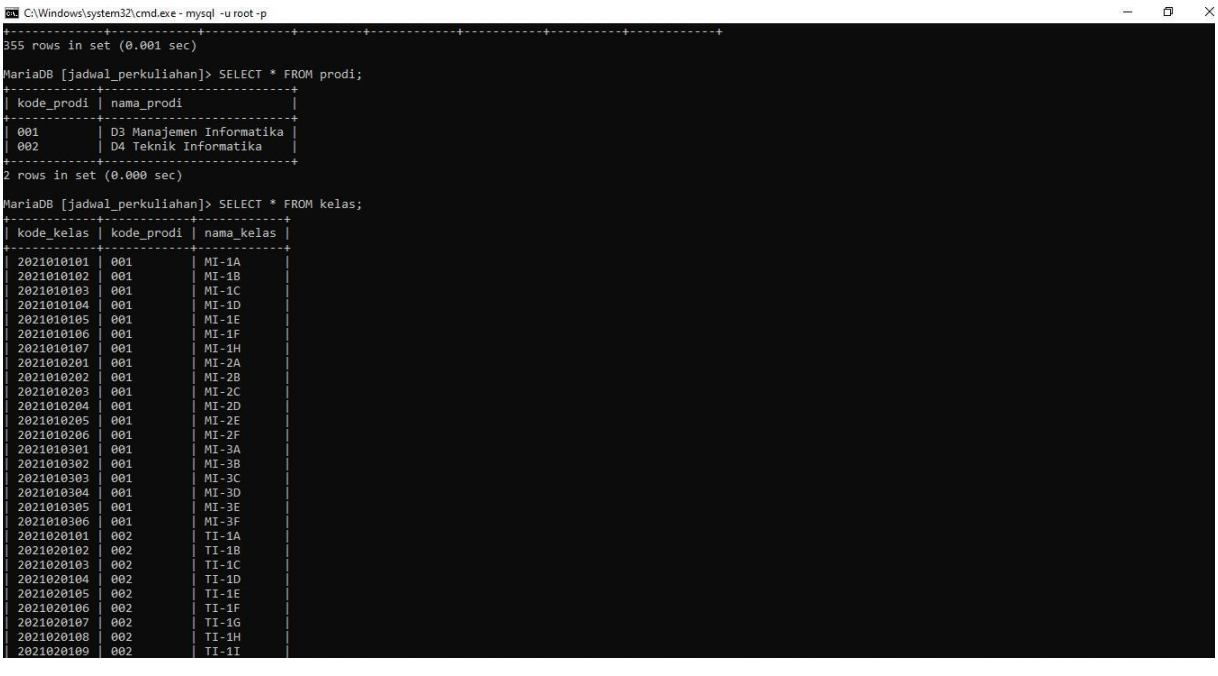
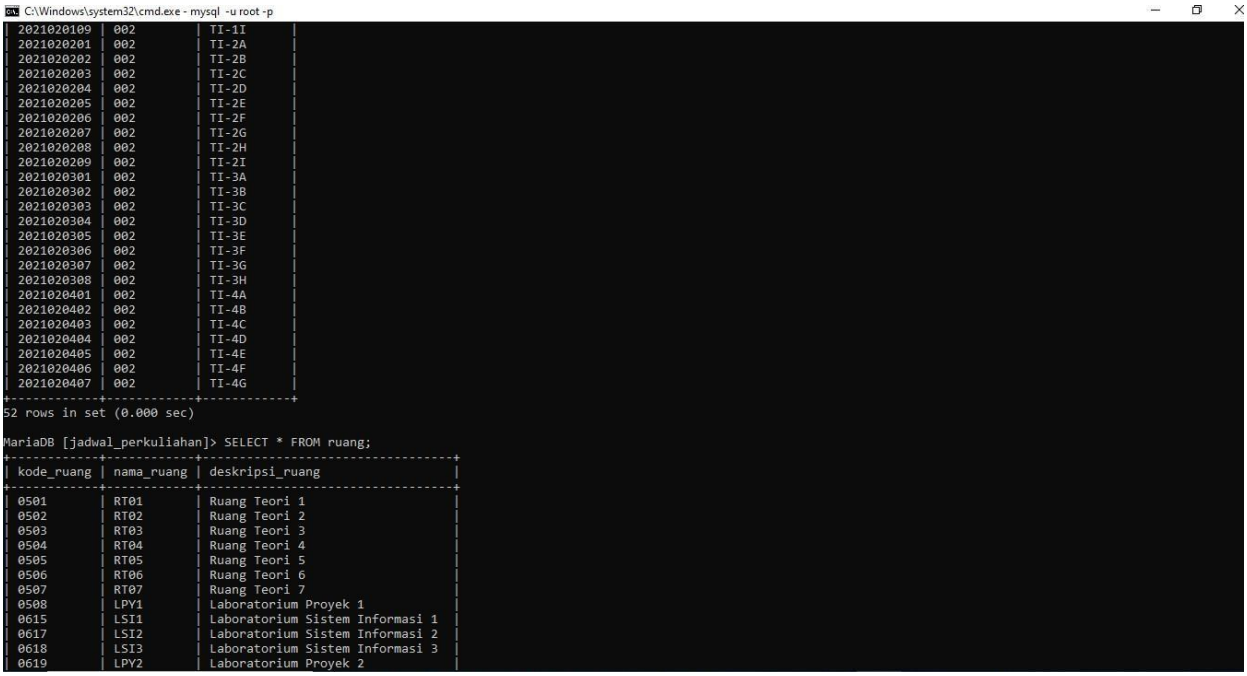
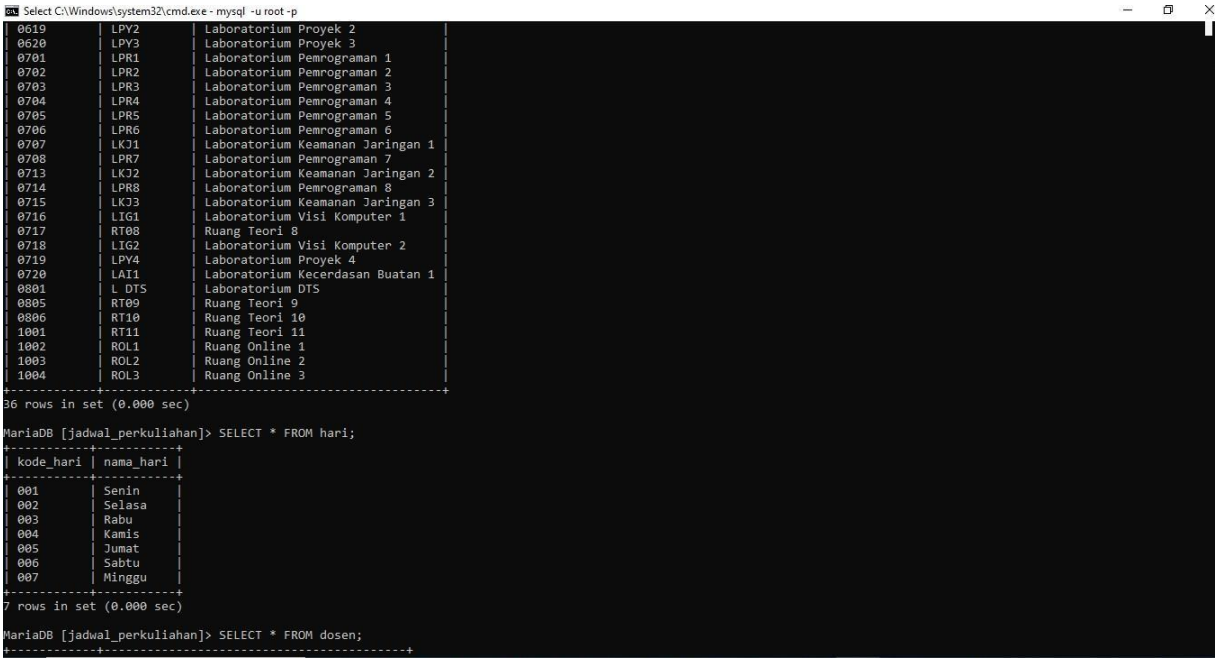
328 | 2021020306 | D077 | 02015 | 0705 | 001 | 7 | 12
329 | 2021020202 | D077 | 02037 | 0715 | 004 | 1 | 6
330 | 2021020205 | D078 | 02018 | 0615 | 002 | 1 | 5
331 | 2021020301 | D078 | 02015 | 0715 | 002 | 7 | 12
332 | 2021020302 | D078 | 02015 | 0617 | 003 | 1 | 6
333 | 2021020206 | D078 | 02018 | 0706 | 005 | 8 | 12
334 | 2021010105 | D079 | 02040 | 0503 | 002 | 4 | 6
335 | 2021010106 | D079 | 02040 | 0503 | 002 | 4 | 6
336 | 2021010105 | D079 | 02031 | 0705 | 002 | 8 | 12
337 | 2021010106 | D079 | 02031 | 0715 | 003 | 8 | 12
338 | 2021020105 | D079 | 02035 | 0506 | 005 | 2 | 5
339 | 2021010103 | D080 | 02040 | 0505 | 001 | 7 | 9
340 | 2021010104 | D080 | 02040 | 0505 | 001 | 7 | 9
341 | 2021020109 | D080 | 02035 | 0506 | 002 | 1 | 4
342 | 2021010104 | D080 | 02031 | 0701 | 003 | 2 | 6
343 | 2021010103 | D080 | 02031 | 0508 | 004 | 8 | 12
344 | 2021020405 | D081 | 02014 | 0507 | 001 | 1 | 3
345 | 2021020406 | D081 | 02014 | 0507 | 001 | 1 | 3
346 | 2021020403 | D081 | 02014 | 0503 | 002 | 1 | 3
347 | 2021020404 | D081 | 02014 | 0503 | 002 | 1 | 3
348 | 2021020407 | D081 | 02014 | 0506 | 003 | 8 | 10
349 | 2021020401 | D081 | 02014 | 0501 | 004 | 1 | 3
350 | 2021020402 | D081 | 02014 | 0501 | 004 | 1 | 3
351 | 2021010202 | D082 | 02013 | 0806 | 002 | 1 | 3
352 | 2021010101 | D082 | 02010 | 0707 | 001 | 5 | 10
353 | 2021010102 | D082 | 02010 | 0707 | 001 | 5 | 10
354 | 2021010101 | D082 | 02030 | 0720 | 002 | 7 | 12
355 | 2021010102 | D082 | 02030 | 0508 | 005 | 1 | 6
356 | 2021020106 | D083 | 02010 | 0617 | 001 | 5 | 10
357 | 2021020302 | D083 | 02041 | 0508 | 002 | 7 | 12
358 | 2021020106 | D083 | 02030 | 0719 | 003 | 7 | 12
359 | 2021020301 | D083 | 02041 | 0708 | 004 | 7 | 12
360 | 2021020205 | D084 | 02032 | 0708 | 001 | 1 | 3
361 | 2021010203 | D084 | 02033 | 0620 | 003 | 1 | 6
362 | 2021020204 | D084 | 02020 | 0505 | 004 | 1 | 3
363 | 2021020205 | D084 | 02020 | 0505 | 004 | 1 | 3
364 | 2021020205 | D084 | 02033 | 0620 | 004 | 7 | 12
365 | 2021010202 | D085 | 02006 | 0504 | 001 | 1 | 3
366 | 2021010204 | D085 | 02006 | 0502 | 001 | 7 | 9
367 | 2021010205 | D085 | 02006 | 0504 | 002 | 7 | 9
368 | 2021010203 | D085 | 02006 | 0806 | 002 | 10 | 12
369 | 2021010206 | D085 | 02006 | 0806 | 003 | 1 | 3
370 | 2021010201 | D085 | 02006 | 0502 | 004 | 2 | 4


C:\Windows\system32\cmd.exe - mysql -u root -p
355 rows in set (0.001 sec)
MariaDB [jadwal_perkuliahan]> SELECT * FROM prodi;
kode_prodi	nama_prodi
001	D3 Manajemen Informatika
002	D4 Teknik Informatika
2 rows in set (0.000 sec)
MariaDB [jadwal_perkuliahan]> SELECT * FROM kelas;
kode_kelas	kode_prodi	nama_kelas
2021010101	001	MI-1A
2021010102	001	MI-1B
2021010103	001	MI-1C
2021010104	001	MI-1D
2021010105	001	MI-1E
2021010106	001	MI-1F
2021010107	001	MI-1H
2021010201	001	MI-2A
2021010202	001	MI-2B
2021010203	001	MI-2C
2021010204	001	MI-2D
2021010205	001	MI-2E
2021010206	001	MI-2F
2021010301	001	MI-3A
2021010302	001	MI-3B
2021010303	001	MI-3C
2021010304	001	MI-3D
2021010305	001	MI-3E
2021010306	001	MI-3F
2021020101	002	TI-1A
2021020102	002	TI-1B
2021020103	002	TI-1C
2021020104	002	TI-1D
2021020105	002	TI-1E
2021020106	002	TI-1F
2021020107	002	TI-1G
2021020108	002	TI-1H
2021020109	002	TI-1I


C:\Windows\system32\cmd.exe - mysql -u root -p
2021020109	002	TI-1I
2021020201	002	TI-2A
2021020202	002	TI-2B
2021020203	002	TI-2C
2021020204	002	TI-2D
2021020205	002	TI-2E
2021020206	002	TI-2F
2021020207	002	TI-2G
2021020208	002	TI-2H
2021020209	002	TI-2I
2021020301	002	TI-3A
2021020302	002	TI-3B
2021020303	002	TI-3C
2021020304	002	TI-3D
2021020305	002	TI-3E
2021020306	002	TI-3F
2021020307	002	TI-3G
2021020308	002	TI-3H
2021020401	002	TI-4A
2021020402	002	TI-4B
2021020403	002	TI-4C
2021020404	002	TI-4D
2021020405	002	TI-4E
2021020406	002	TI-4F
2021020407	002	TI-4G
52 rows in set (0.000 sec)
MariaDB [jadwal_perkuliahan]> SELECT * FROM ruang;
kode_ruang	nama_ruang	deskripsi_ruang
0501	RT01	Ruang Teori 1
0502	RT02	Ruang Teori 2
0503	RT03	Ruang Teori 3
0504	RT04	Ruang Teori 4
0505	RT05	Ruang Teori 5
0506	RT06	Ruang Teori 6
0507	RT07	Ruang Teori 7
0508	LPY1	Laboratorium Proyek 1
0615	LSI1	Laboratorium Sistem Informasi 1
0617	LSI2	Laboratorium Sistem Informasi 2
0618	LSI3	Laboratorium Sistem Informasi 3
0619	LPY2	Laboratorium Proyek 2


Select C:\Windows\system32\cmd.exe - mysql -u root -p
0619	LPY2	Laboratorium Proyek 2
0620	LPY3	Laboratorium Proyek 3
0701	LPR1	Laboratorium Pemrograman 1
0702	LPR2	Laboratorium Pemrograman 2
0703	LPR3	Laboratorium Pemrograman 3
0704	LPR4	Laboratorium Pemrograman 4
0705	LPR5	Laboratorium Pemrograman 5
0706	LPR6	Laboratorium Pemrograman 6
0707	LKJ1	Laboratorium Keamanan Jaringan 1
0708	LPR7	Laboratorium Pemrograman 7
0713	LKJ2	Laboratorium Keamanan Jaringan 2
0714	LPR8	Laboratorium Pemrograman 8
0715	LKJ3	Laboratorium Keamanan Jaringan 3
0716	LIG1	Laboratorium Visi Komputer 1
0717	RT08	Ruang Teori 8
0718	LIG2	Laboratorium Visi Komputer 2
0719	LPY4	Laboratorium Proyek 4
0720	LAI1	Laboratorium Kecerdasan Buatan 1
0801	L DTS	Laboratorium DTS
0805	RT09	Ruang Teori 9
0806	RT10	Ruang Teori 10
1001	RT11	Ruang Teori 11
1002	ROL1	Ruang Online 1
1003	ROL2	Ruang Online 2
1004	ROL3	Ruang Online 3
36 rows in set (0.000 sec)
MariaDB [jadwal_perkuliahan]> SELECT * FROM hari;
kode_hari	nama_hari
001	Senin
002	Selasa
003	Rabu
004	Kamis
005	Jumat
006	Sabtu
007	Minggu
7 rows in set (0.000 sec)
MariaDB [jadwal_perkuliahan]> SELECT * FROM dosen;

Select C:\Windows\system32\cmd.exe - mysql -u root -p

```
MariaDB [jadwal_perkuliahan]> SELECT * FROM dosen;
+------------+-----------------------------------------+
| kode_dosen | nama_dosen                              |
+------------+-----------------------------------------+
| D001       | Abdul Chalim, SAg., MPd.I               |
| D002       | Ade Ismail                              |
| D003       | Agung Nugroho Pramudhita ST., MT.       |
| D004       | Ahmadi Yuli Ananta ST., MM.             |
| D005       | Ane Fany Novitasari, SH.MKn.            |
| D006       | Annisa Puspa Kirana MKom.               |
| D007       | Annisa Taufika Firdausi ST., MT.        |
| D008       | Anugrah Nur Rahmanto SSn., MDs.         |
| D009       | Ariadi Retno Ririd SKom., MKom.         |
| D010       | Arie Rachmad Syulistyo SKom., MKom.     |
| D011       | Arief Prasetyo SKom., MKom.             |
| D012       | Arwin Sumari ST., MT., DR.              |
| D013       | Atiqah Nurul Asri SPd., MPd.            |
| D014       | Bagas Satya Dian Nugraha, ST., MT.      |
| D015       | Banni Satria Andoko, S. Kom., M.MSI     |
| D016       | Budi Harijanto ST., MMKom.              |
| D017       | Cahya Rahmad ST., MKom. DR.Eng          |
| D018       | Candra Bella Vista SKom., MT.           |
| D019       | Candrasena Setiadi ST., MMT.            |
| D020       | Deasy Sandhya Elya Ikawati SSi., MSi.   |
| D021       | Deddy Kusbianto PA Ir. MMKom.           |
| D022       | Dhebys Suryani SKom. MT.                |
| D023       | Dian Hanifudin Subhi SKom., MT.         |
| D024       | Dika Rizky Yunianto SKom., MKom.        |
| D025       | Dimas Wahyu Wibowo ST., MT.             |
| D026       | Dodit Supriyanto SKom., MT.             |
| D027       | Dwi Puspitasari SKom., MKom.            |
| D028       | Eka Larasati Amalia, SST., MT.          |
| D029       | Ekojono, ST., M.Kom.                    |
| D030       | Elok Nur Hamdana, ST., MT               |
| D031       | Erfan Rohadi, ST., MEng., PhD.          |
| D032       | Faiz Ushbah Mubarok, SPd., MPd.         |
| D033       | Farid Angga Pribadi, SKom.,MKom.        |
| D034       | Farida Ulfa, SPd., MPd.                 |
| D035       | Gunawan Budi Prasetyo, ST., MMT., Ph.D. |
| D036       | Habibie Ed Dien, MT.                    |
| D037       | Hairus                                  |
| D038       | Hendra Pradibta, SE., M.Sc.             |
| D039       | Ika Kusumaning Putri, MT.               |
| D040       | Imam Fahrur Rozi, ST., MT.              |
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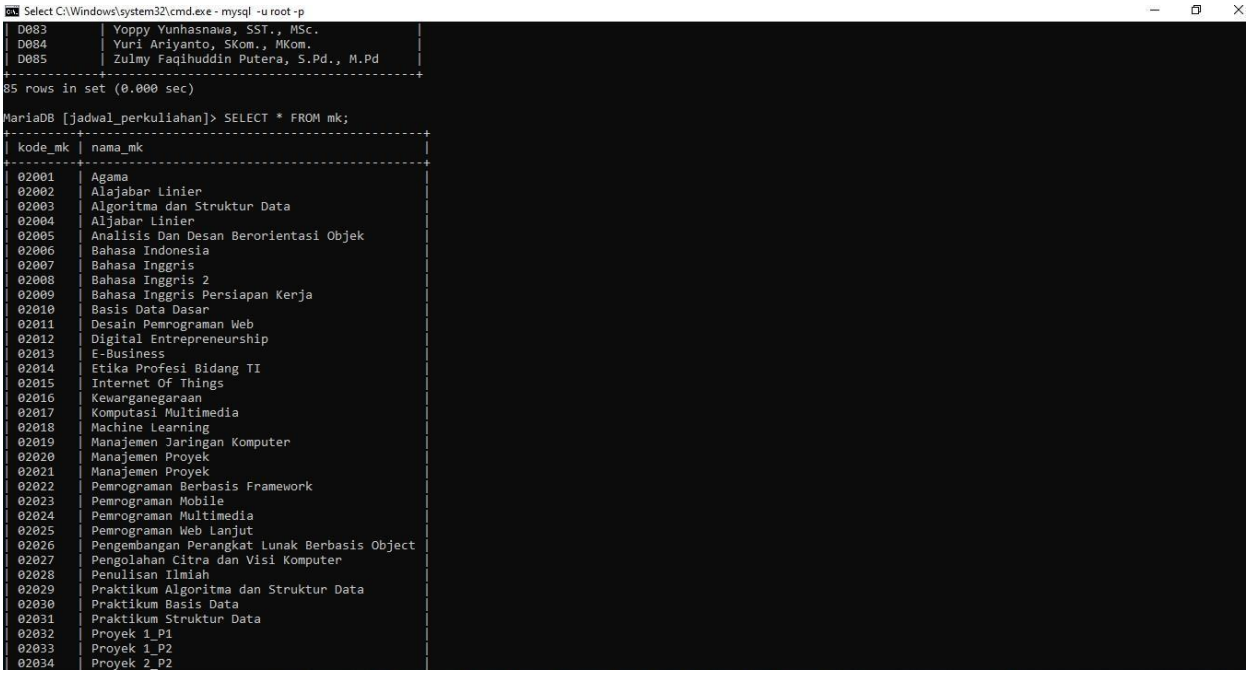
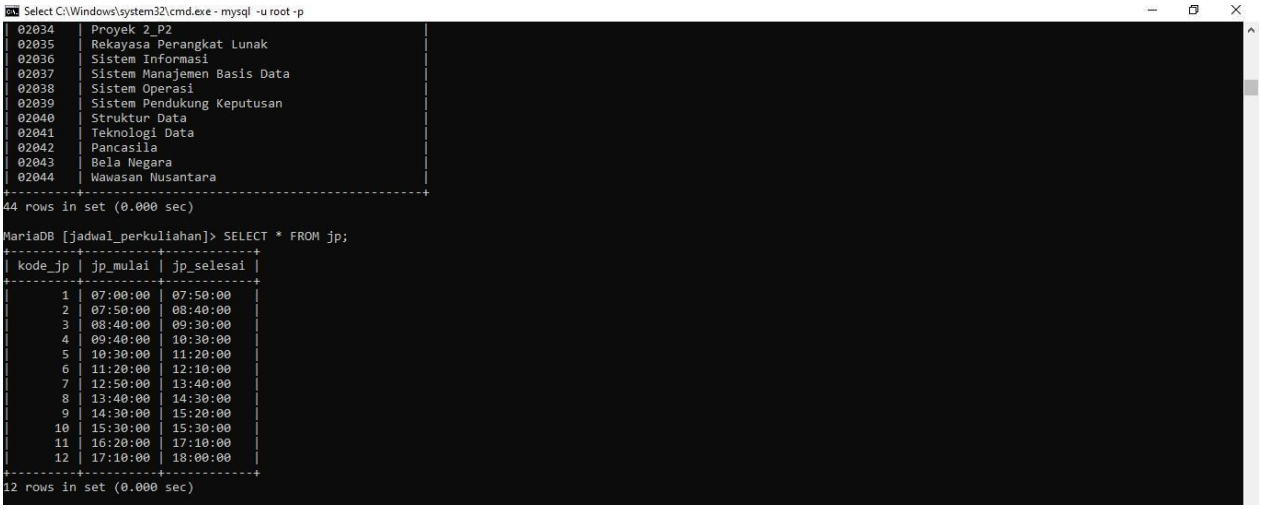
Select C:\Windows\system32\cmd.exe - mysql -u root -p

```
| D040       | Imam Fahrur Rozi, ST., MT.              |
| D041       | Indra Dharma Wijaya, ST., MMT.          |
| D042       | Irsyad Arif Mashudi, M.Kom              |
| D043       | Kadek Suarjuna Batubulan, SKom, MT.     |
| D044       | Luqman Affandi, SKom., MMSI.            |
| D045       | M. Hasyim Ratsanjani                    |
| D046       | Mamluatul Haniah                        |
| D047       | Meyti Eka Apriyani ST., MT.             |
| D048       | Milyun Nima Shoumi                      |
| D049       | Moch. Zawaruddin Abdullah, S.ST., M.Kom |
| D050       | Moh. Amin                               |
| D051       | Muhammad Afif Hendrawan, S.Kom.         |
| D052       | Muhammad Shulhan Khairy, SKom., MKom.   |
| D053       | Muhammad Unggul Pamenang, SSt., MT.     |
| D054       | Mungki Astiningrum, ST., MKom.          |
| D055       | Mustika Mentari, SKom., MKom.           |
| D056       | Noprianto                               |
| D057       | Odhitya Desta Triswidrananta, SPd., MPd. |
| D058       | Pramana Yoga Saputra, SKom., MMT.       |
| D059       | Putra Prima A., ST., MKom.              |
| D060       | Rakhmat Arianto SST., MKom.             |
| D061       | Rawansyah., Drs., MPd.                  |
| D062       | Retno Damayanti, SPd.                   |
| D063       | Ridwan Rismanto, SST., MKom.            |
| D064       | Rizki Putri Ramadhani, S.S., M.Pd.      |
| D065       | Rizky Ardiansyah, SKom., MT.            |
| D066       | Robby Anggriawan SE., ME.               |
| D067       | Rokhimatul Wakhidah SPd. MT.            |
| D068       | Rosa Andrie Asmara, ST., MT., Dr. Eng.  |
| D069       | Rudy Ariyanto, ST., MCs.                |
| D070       | Satrio Binusa S, SS, M.Pd               |
| D071       | Septian Enggar Sukmana, SPd., MT.       |
| D072       | Shohib Muslim                           |
| D073       | Siti Romlah, Dra., M.M.                 |
| D074       | Sofyan Noor Arief, S.ST., M.Kom.        |
| D075       | Ulla Delfiana Rosiani, ST., MT.         |
| D076       | Usman Nurhasan, S.Kom., MT.             |
| D077       | Very Sugiarto, SPd., MKom.              |
| D078       | Vipkas Al Hadid Firdaus, ST.,MT.        |
| D079       | Vivi Nur Wijayaningrum, S.Kom, M.Kom    |
| D080       | Vivin Ayu Lestari, SPd.                 |
| D081       | Widaningsih Condrowardhani, SH., MH.    |
| D082       | Wilda Imama Sabilla, S.Kom., M.Kom.     |
| D083       | Yoppy Yunhasnawa, SST., MSc.            |
```



```
Select C:\Windows\system32\cmd.exe - mysql  -u root -p
| D083       | Yoppy Yunhasnawa, SST., MSc.            |
| D084       | Yuri Ariyanto, SKom., MKom.             |
| D085       | Zulmy Faqihuddin Putera, S.Pd., M.Pd    |
+------------+-----------------------------------------+
85 rows in set (0.000 sec)

MariaDB [jadwal_perkuliahan]> SELECT * FROM mk;
+---------+---------------------------------------------+
| kode_mk | nama_mk                                     |
+---------+---------------------------------------------+
| 02001   | Agama                                       |
| 02002   | Alajabar Linier                             |
| 02003   | Algoritma dan Struktur Data                 |
| 02004   | Aljabar Linier                              |
| 02005   | Analisis Dan Desan Berorientasi Objek       |
| 02006   | Bahasa Indonesia                            |
| 02007   | Bahasa Inggris                              |
| 02008   | Bahasa Inggris 2                            |
| 02009   | Bahasa Inggris Persiapan Kerja              |
| 02010   | Basis Data Dasar                            |
| 02011   | Desain Pemrograman Web                      |
| 02012   | Digital Entrepreneurship                    |
| 02013   | E-Business                                  |
| 02014   | Etika Profesi Bidang TI                     |
| 02015   | Internet Of Things                          |
| 02016   | Kewarganegaraan                             |
| 02017   | Komputasi Multimedia                        |
| 02018   | Machine Learning                            |
| 02019   | Manajemen Jaringan Komputer                 |
| 02020   | Manajemen Proyek                            |
| 02021   | Manajemen Proyek                            |
| 02022   | Pemrograman Berbasis Framework              |
| 02023   | Pemrograman Mobile                          |
| 02024   | Pemrograman Multimedia                      |
| 02025   | Pemrograman Web Lanjut                      |
| 02026   | Pengembangan Perangkat Lunak Berbasis Object |
| 02027   | Pengolahan Citra dan Visi Komputer          |
| 02028   | Penulisan Ilmiah                            |
| 02029   | Praktikum Algoritma dan Struktur Data       |
| 02030   | Praktikum Basis Data                        |
| 02031   | Praktikum Struktur Data                     |
| 02032   | Proyek 1_P1                                 |
| 02033   | Proyek 1_P2                                 |
| 02034   | Proyek 2_P2                                 |
```

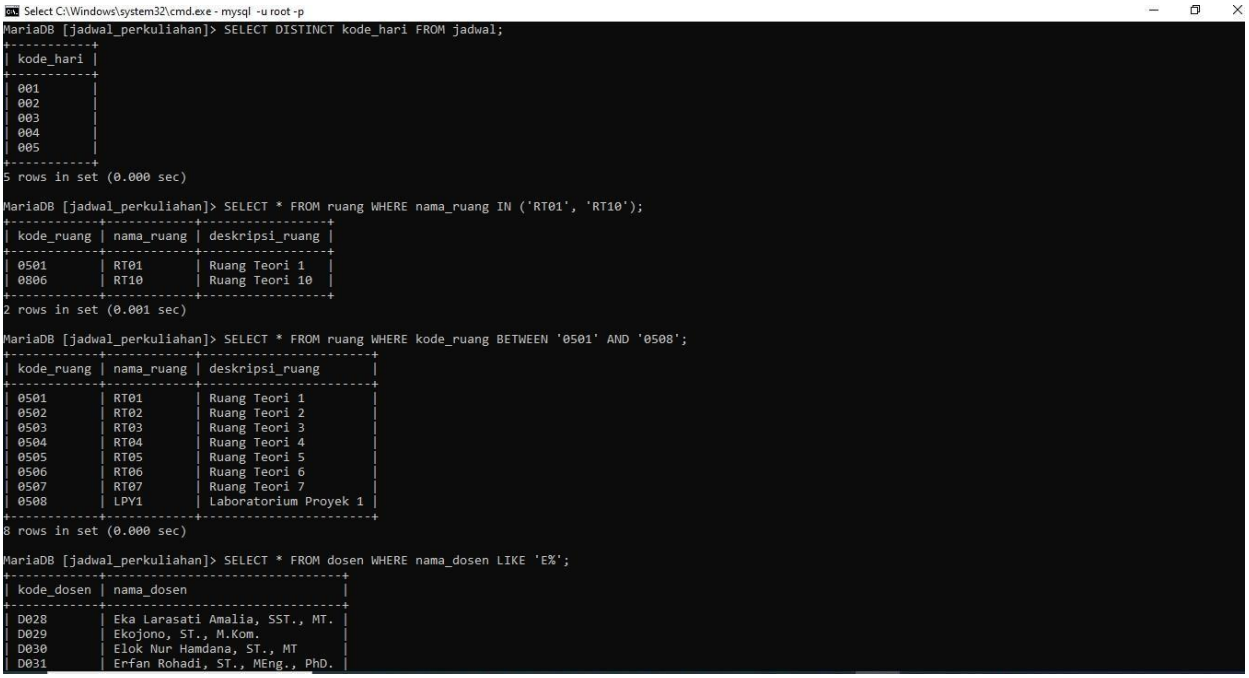


```
Select C:\Windows\system32\cmd.exe - mysql  -u root -p
| 02034   | Proyek 2_P2                                 |
| 02035   | Rekayasa Perangkat Lunak                    |
| 02036   | Sistem Informasi                            |
| 02037   | Sistem Manajemen Basis Data                 |
| 02038   | Sistem Operasi                              |
| 02039   | Sistem Pendukung Keputusan                  |
| 02040   | Struktur Data                               |
| 02041   | Teknologi Data                              |
| 02042   | Pancasila                                   |
| 02043   | Bela Negara                                 |
| 02044   | Wawasan Nusantara                           |
+---------+---------------------------------------------+
44 rows in set (0.000 sec)

MariaDB [jadwal_perkuliahan]> SELECT * FROM jp;
+---------+----------+------------+
| kode_jp | jp_mulai | jp_selesai |
+---------+----------+------------+
|       1 | 07:00:00 | 07:50:00   |
|       2 | 07:50:00 | 08:40:00   |
|       3 | 08:40:00 | 09:30:00   |
|       4 | 09:40:00 | 10:30:00   |
|       5 | 10:30:00 | 11:20:00   |
|       6 | 11:20:00 | 12:10:00   |
|       7 | 12:50:00 | 13:40:00   |
|       8 | 13:40:00 | 14:30:00   |
|       9 | 14:30:00 | 15:20:00   |
|      10 | 15:30:00 | 15:30:00   |
|      11 | 16:20:00 | 17:10:00   |
|      12 | 17:10:00 | 18:00:00   |
+---------+----------+------------+
12 rows in set (0.000 sec)
```

Praktikum 2

```
MariaDB [jadwal_perkuliahan]> SELECT deskripsi_ruang FROM ruang WHERE nama_ruang = 'LKJ1';
+---------------------------------+
| deskripsi_ruang                 |
+---------------------------------+
| Laboratorium Keamanan Jaringan 1 |
+---------------------------------+
1 row in set (0.000 sec)
```

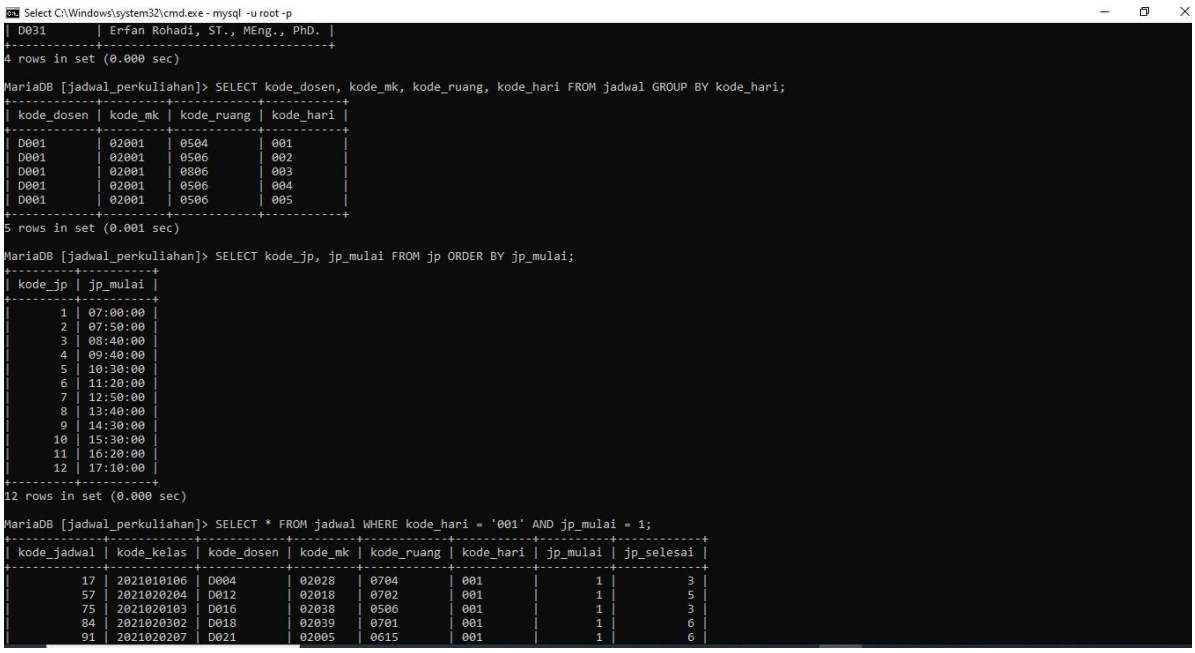


```
Select C:\Windows\system32\cmd.exe - mysql  -u root -p
MariaDB [jadwal_perkuliahan]> SELECT DISTINCT kode_hari FROM jadwal;
+-----------+
| kode_hari |
+-----------+
| 001       |
| 002       |
| 003       |
| 004       |
| 005       |
+-----------+
5 rows in set (0.000 sec)

MariaDB [jadwal_perkuliahan]> SELECT * FROM ruang WHERE nama_ruang IN ('RT01', 'RT10');
+------------+------------+-----------------+
| kode_ruang | nama_ruang | deskripsi_ruang |
+------------+------------+-----------------+
| 0501       | RT01       | Ruang Teori 1   |
| 0806       | RT10       | Ruang Teori 10  |
+------------+------------+-----------------+
2 rows in set (0.001 sec)

MariaDB [jadwal_perkuliahan]> SELECT * FROM ruang WHERE kode_ruang BETWEEN '0501' AND '0508';
+------------+------------+-----------------------+
| kode_ruang | nama_ruang | deskripsi_ruang       |
+------------+------------+-----------------------+
| 0501       | RT01       | Ruang Teori 1         |
| 0502       | RT02       | Ruang Teori 2         |
| 0503       | RT03       | Ruang Teori 3         |
| 0504       | RT04       | Ruang Teori 4         |
| 0505       | RT05       | Ruang Teori 5         |
| 0506       | RT06       | Ruang Teori 6         |
| 0507       | RT07       | Ruang Teori 7         |
| 0508       | LPY1       | Laboratorium Proyek 1 |
+------------+------------+-----------------------+
8 rows in set (0.000 sec)

MariaDB [jadwal_perkuliahan]> SELECT * FROM dosen WHERE nama_dosen LIKE 'E%';
+------------+--------------------------------+
| kode_dosen | nama_dosen                     |
+------------+--------------------------------+
| D028       | Eka Larasati Amalia, SST., MT. |
| D029       | Ekojono, ST., M.Kom.           |
| D030       | Elok Nur Hamdana, ST., MT      |
| D031       | Erfan Rohadi, ST., MEng., PhD. |
```

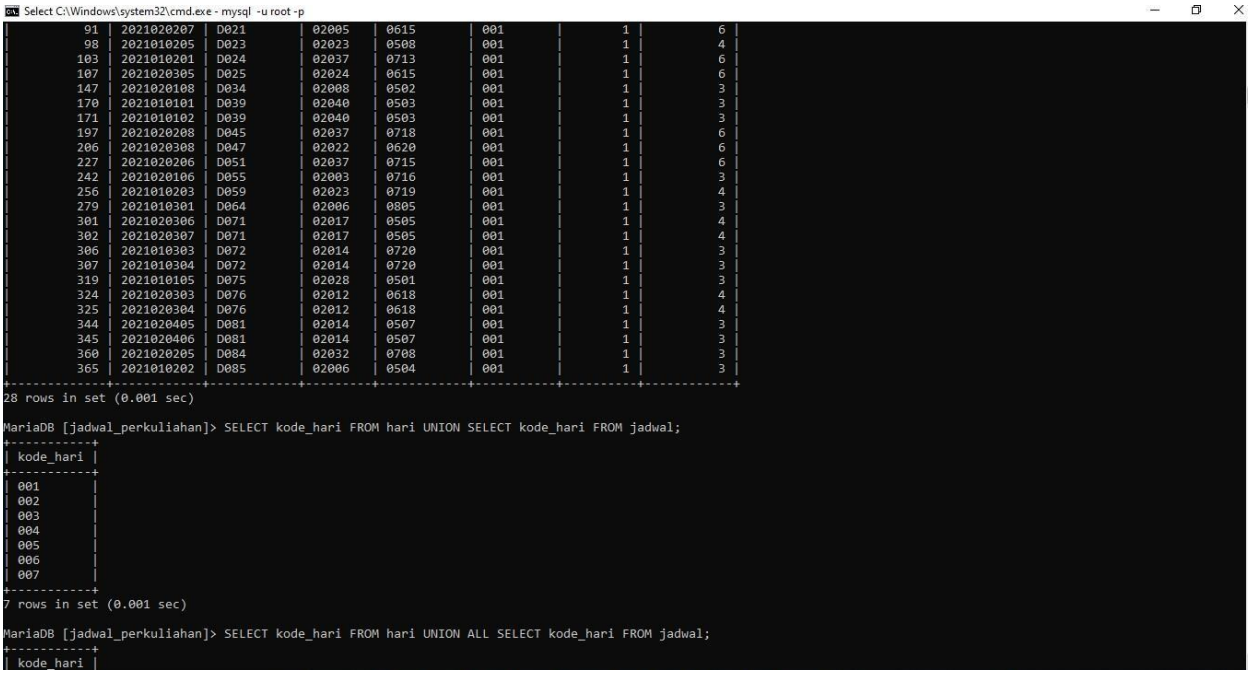


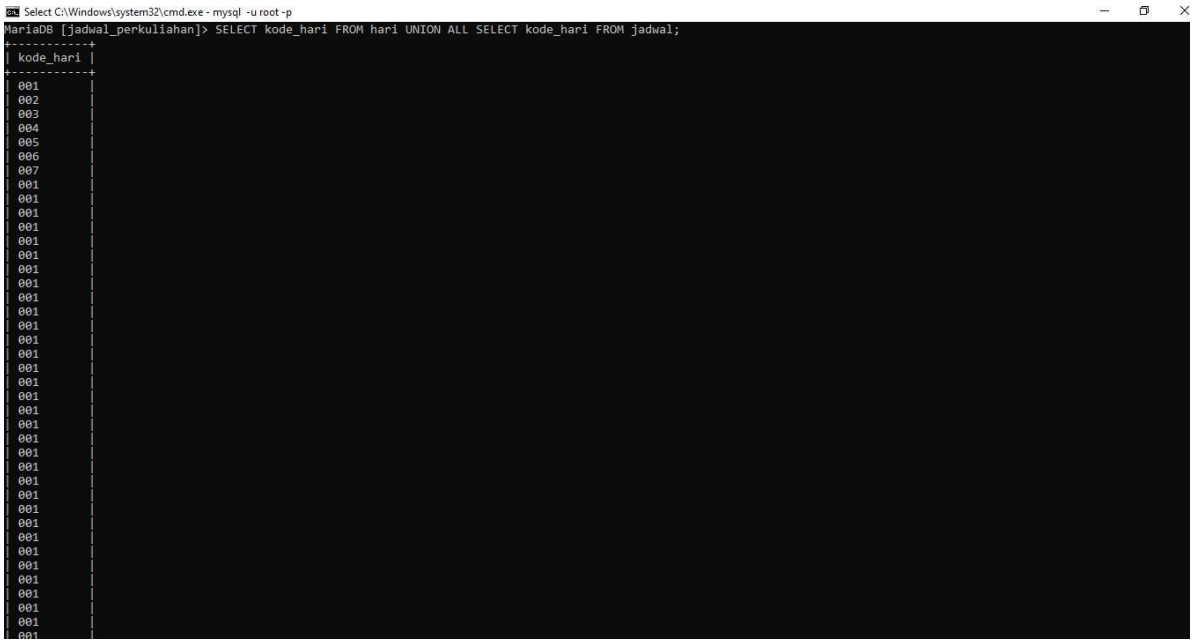
```
Select C:\Windows\system32\cmd.exe - mysql  -u root -p
| D031       | Erfan Rohadi, ST., MEng., PhD. |
+------------+--------------------------------+
4 rows in set (0.000 sec)

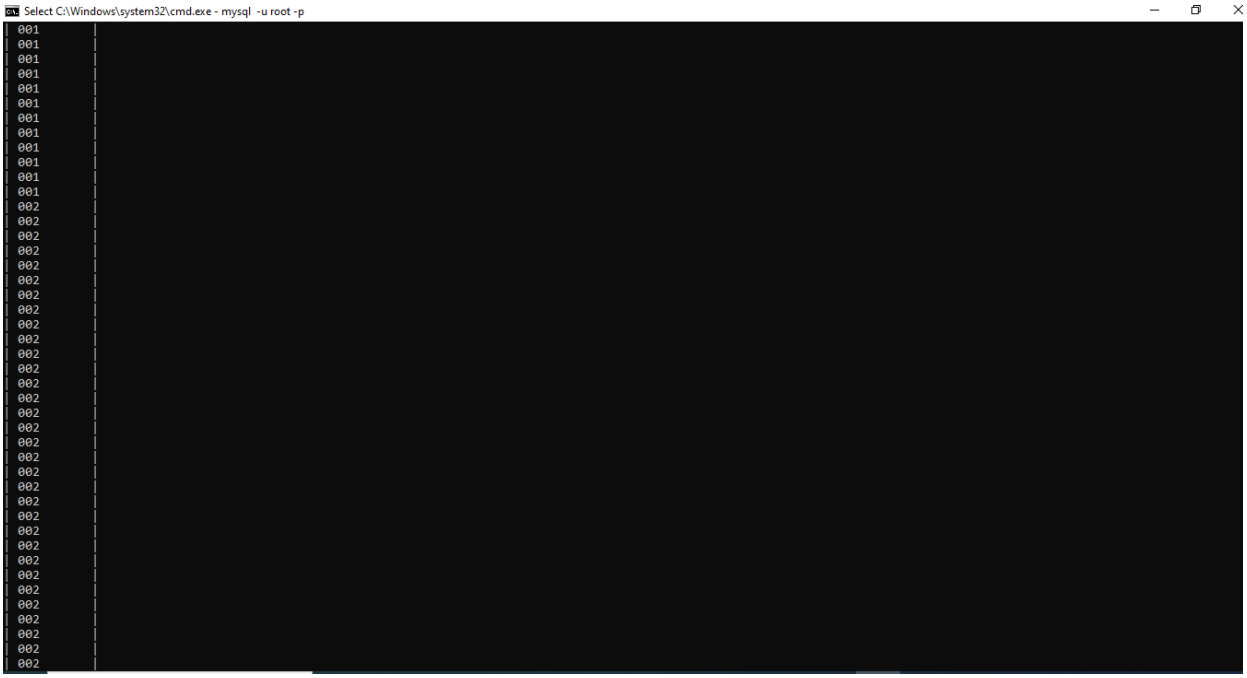
MariaDB [jadwal_perkuliahan]> SELECT kode_dosen, kode_mk, kode_ruang, kode_hari FROM jadwal GROUP BY kode_hari;
+------------+---------+------------+-----------+
| kode_dosen | kode_mk | kode_ruang | kode_hari |
+------------+---------+------------+-----------+
| D001       | 02001   | 0504       | 001       |
| D001       | 02001   | 0506       | 002       |
| D001       | 02001   | 0806       | 003       |
| D001       | 02001   | 0506       | 004       |
| D001       | 02001   | 0506       | 005       |
+------------+---------+------------+-----------+
5 rows in set (0.001 sec)

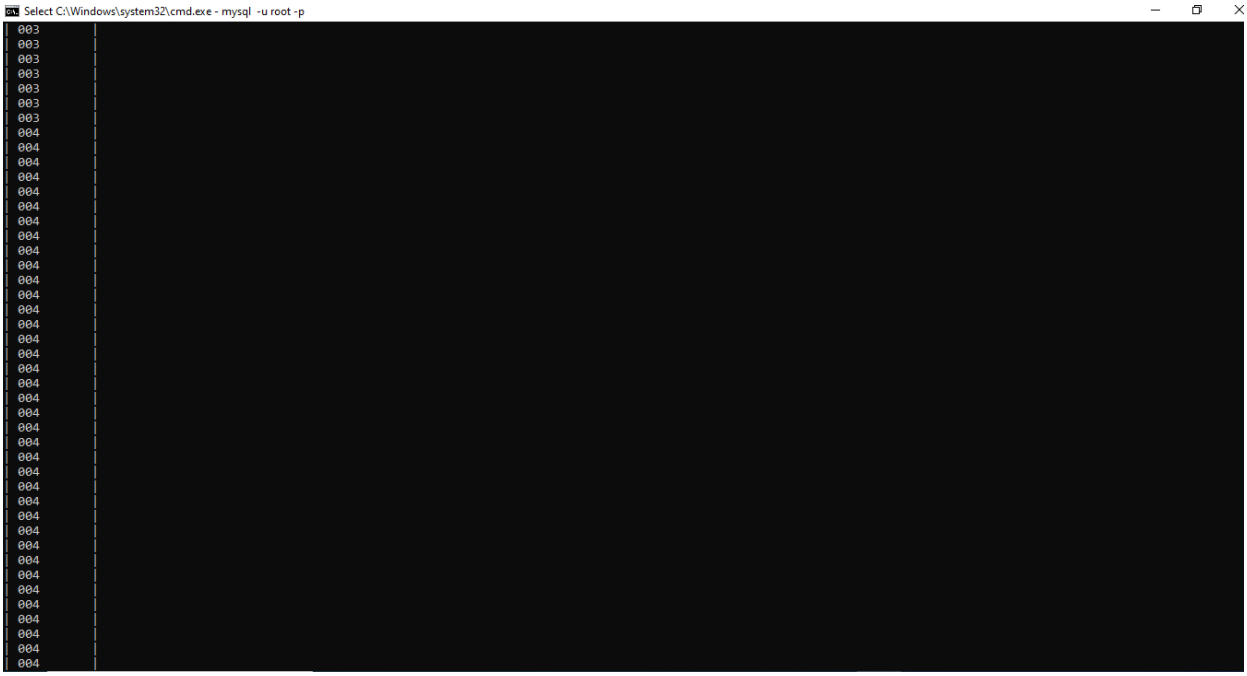
MariaDB [jadwal_perkuliahan]> SELECT kode_jp, jp_mulai FROM jp ORDER BY jp_mulai;
+---------+----------+
| kode_jp | jp_mulai |
+---------+----------+
|       1 | 07:00:00 |
|       2 | 07:50:00 |
|       3 | 08:40:00 |
|       4 | 09:40:00 |
|       5 | 10:30:00 |
|       6 | 11:20:00 |
|       7 | 12:50:00 |
|       8 | 13:40:00 |
|       9 | 14:30:00 |
|      10 | 15:30:00 |
|      11 | 16:20:00 |
|      12 | 17:10:00 |
+---------+----------+
12 rows in set (0.000 sec)

MariaDB [jadwal_perkuliahan]> SELECT * FROM jadwal WHERE kode_hari = '001' AND jp_mulai = 1;
+-------------+------------+------------+---------+------------+-----------+----------+------------+
| kode_jadwal | kode_kelas | kode_dosen | kode_mk | kode_ruang | kode_hari | jp_mulai | jp_selesai |
+-------------+------------+------------+---------+------------+-----------+----------+------------+
|          17 | 2021010106 | D004       | 02028   | 0704       | 001       |        1 |          3 |
|          57 | 2021020204 | D012       | 02018   | 0702       | 001       |        1 |          5 |
|          75 | 2021020103 | D016       | 02038   | 0506       | 001       |        1 |          3 |
|          84 | 2021020302 | D018       | 02039   | 0701       | 001       |        1 |          6 |
|          91 | 2021020207 | D021       | 02005   | 0615       | 001       |        1 |          6 |
```




Select C:\Windows\system32\cmd.exe - mysql -u root -p
MariaDB [jadwal_perkuliahan]> SELECT kode_hari FROM hari UNION ALL SELECT kode_hari FROM jadwal;
| kode_hari |
| 001 |
| 002 |
| 003 |
| 004 |
| 005 |
| 006 |
| 007 |
| 001 |
| 001 |
| 001

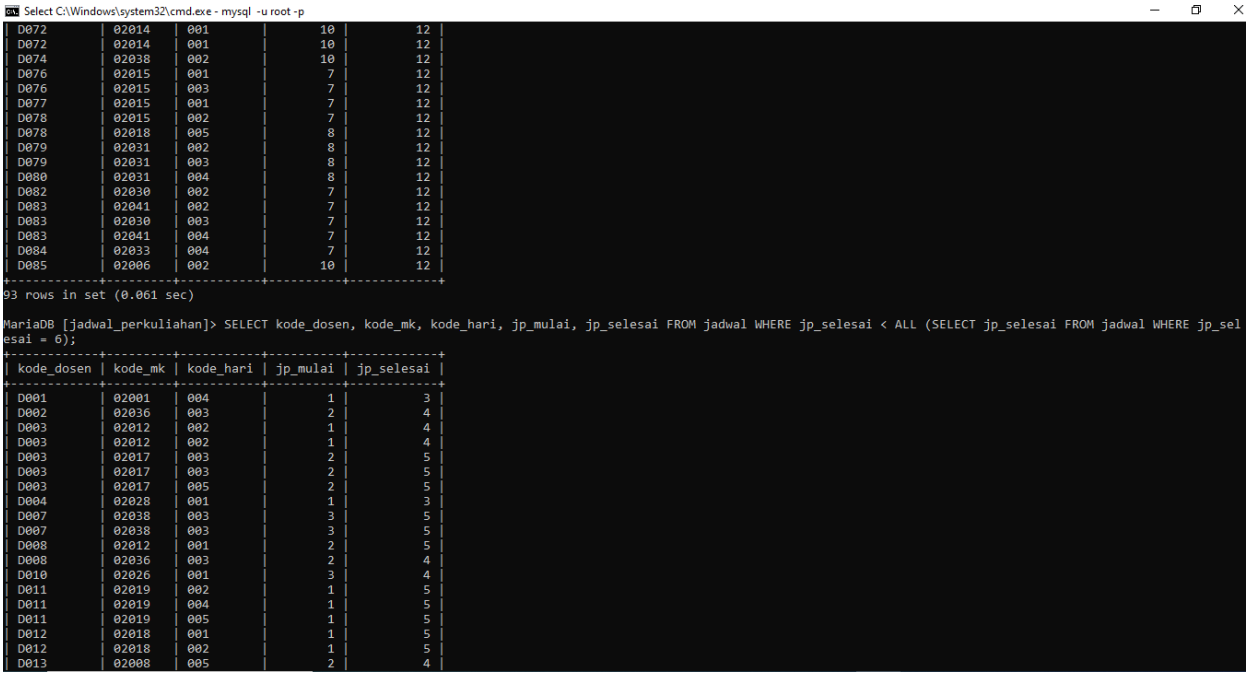

Select C:\Windows\system32\cmd.exe - mysql -u root -p
001
001
001
001
001
001
001
001
001
001
001
001
001
002
002
002

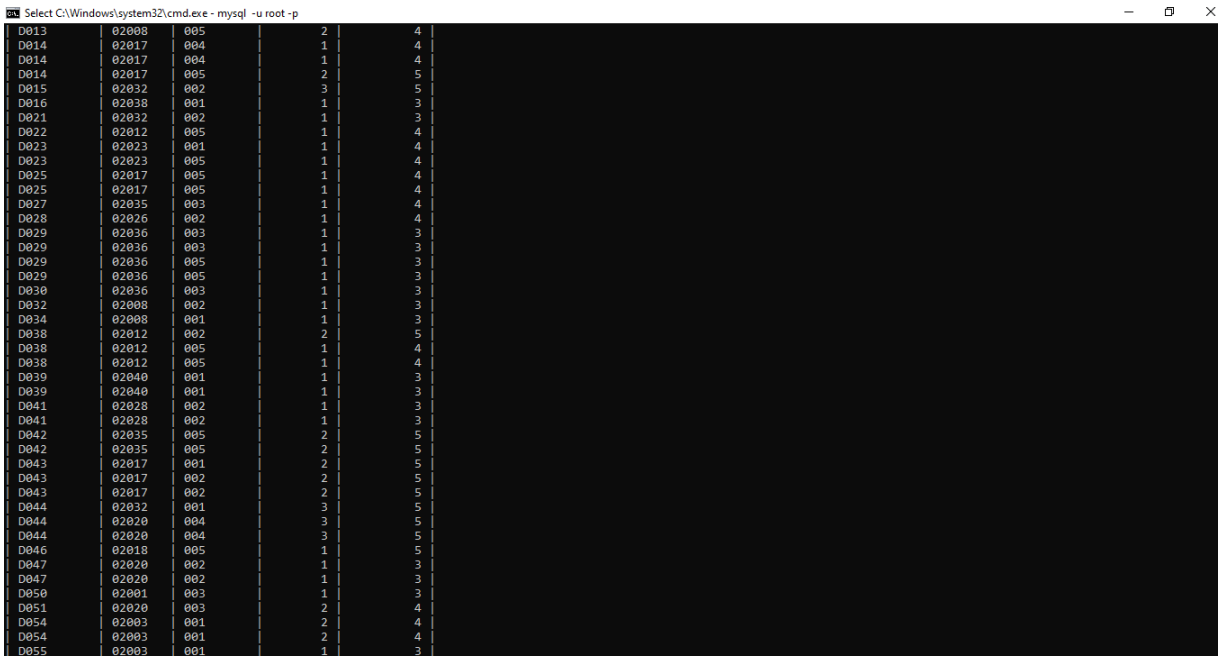

Select C:\Windows\system32\cmd.exe - mysql -u root -p
003
003
003
003
003
003
003
004
004
004

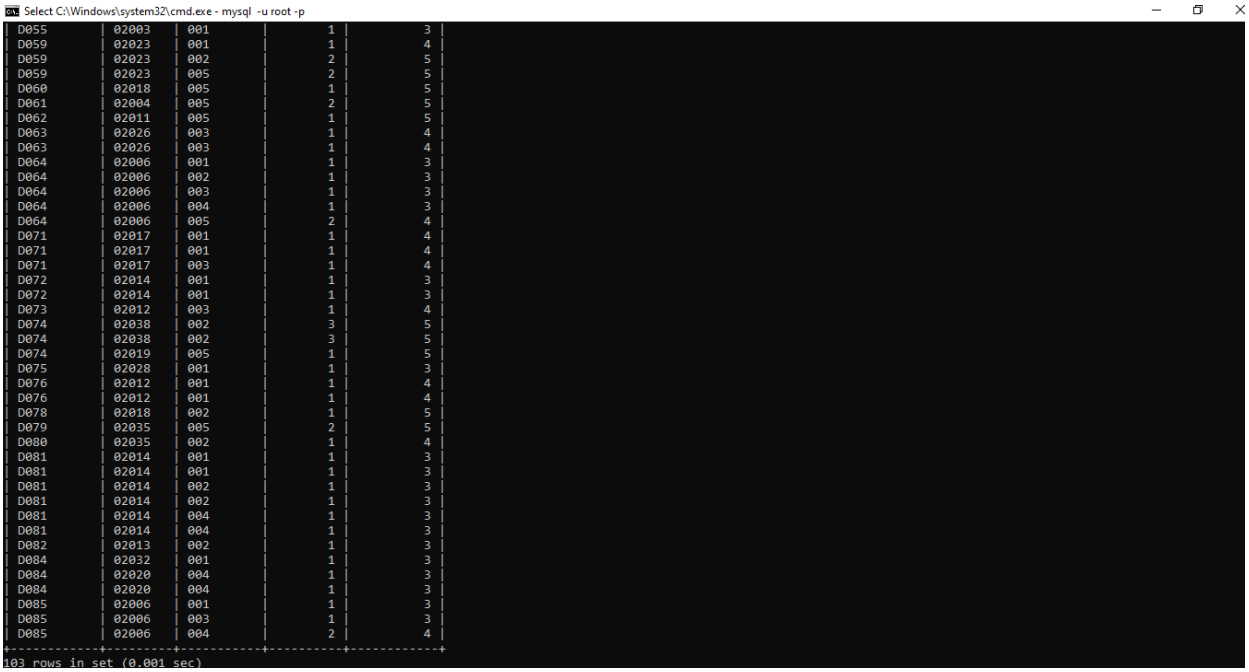
Praktikum 3

```
MariaDB [jadwal_perkuliahan]> SELECT kode_dosen, kode_mk, kode_hari, jp_mulai, jp_selesai FROM jadwal WHERE jp_selesai IN (SELECT MAX(jp_selesai)FROM jadwal);
+------------+---------+----------+----------+-----------+
| kode_dosen | kode_mk | kode_hari | jp_mulai | jp_selesai |
+------------+---------+----------+----------+-----------+
| D001       | 02001   | 003      |       10 |         12 |
| D001       | 02001   | 005      |       10 |         12 |
| D002       | 02037   | 001      |        7 |         12 |
| D002       | 02025   | 004      |        7 |         12 |
| D004       | 02032   | 001      |       10 |         12 |
| D004       | 02034   | 002      |        7 |         12 |
| D006       | 02037   | 004      |        7 |         12 |
| D006       | 02037   | 005      |        7 |         12 |
| D007       | 02011   | 004      |        8 |         12 |
| D008       | 02012   | 005      |        9 |         12 |
| D008       | 02012   | 005      |        9 |         12 |
| D009       | 02005   | 003      |        7 |         12 |
| D011       | 02019   | 004      |        8 |         12 |
| D015       | 02005   | 002      |        7 |         12 |
| D015       | 02005   | 003      |        7 |         12 |
| D015       | 02033   | 004      |        7 |         12 |
| D016       | 02033   | 005      |        7 |         12 |
| D017       | 02027   | 004      |        7 |         12 |
| D018       | 02013   | 001      |       10 |         12 |
| D018       | 02013   | 001      |       10 |         12 |
| D019       | 02022   | 001      |        7 |         12 |
| D020       | 02004   | 004      |        9 |         12 |
| D022       | 02033   | 003      |        7 |         12 |
| D024       | 02037   | 005      |        7 |         12 |
| D026       | 02015   | 003      |        7 |         12 |
| D031       | 02033   | 005      |        7 |         12 |
| D032       | 02009   | 002      |       10 |         12 |
| D033       | 02037   | 003      |        7 |         12 |
| D035       | 02041   | 002      |        7 |         12 |
| D035       | 02018   | 005      |        8 |         12 |
| D036       | 02022   | 001      |        7 |         12 |
| D036       | 02025   | 002      |        7 |         12 |
| D038       | 02020   | 003      |       10 |         12 |
| D039       | 02040   | 003      |        8 |         12 |
```

```
Select C:\Windows\system32\cmd.exe - mysql  -u root -p
| D039       | 02040   | 003      |        8 |         12 |
| D040       | 02033   | 003      |        7 |         12 |
| D040       | 02003   | 004      |        7 |         12 |
| D042       | 02037   | 001      |        7 |         12 |
| D042       | 02037   | 004      |        7 |         12 |
| D044       | 02021   | 001      |       10 |         12 |
| D044       | 02021   | 001      |       10 |         12 |
| D044       | 02033   | 004      |        7 |         12 |
| D045       | 02037   | 004      |        7 |         12 |
| D046       | 02003   | 005      |        7 |         12 |
| D048       | 02027   | 005      |        7 |         12 |
| D049       | 02025   | 002      |        7 |         12 |
| D049       | 02030   | 004      |        7 |         12 |
| D050       | 02001   | 001      |       10 |         12 |
| D050       | 02001   | 004      |       10 |         12 |
| D051       | 02039   | 003      |        7 |         12 |
| D052       | 02005   | 002      |        7 |         12 |
| D052       | 02005   | 003      |        7 |         12 |
| D053       | 02030   | 005      |        7 |         12 |
| D054       | 02029   | 002      |        7 |         12 |
| D054       | 02029   | 004      |        7 |         12 |
| D055       | 02029   | 004      |        7 |         12 |
| D055       | 02027   | 005      |        7 |         12 |
| D056       | 02015   | 001      |        7 |         12 |
| D056       | 02029   | 003      |        7 |         12 |
| D057       | 02037   | 001      |        7 |         12 |
| D057       | 02041   | 005      |        7 |         12 |
| D058       | 02032   | 001      |       10 |         12 |
| D058       | 02041   | 005      |        7 |         12 |
| D059       | 02025   | 002      |        7 |         12 |
| D060       | 02039   | 001      |        7 |         12 |
| D060       | 02039   | 005      |        7 |         12 |
| D061       | 02004   | 002      |        9 |         12 |
| D062       | 02011   | 004      |        8 |         12 |
| D062       | 02038   | 005      |       10 |         12 |
| D062       | 02038   | 005      |       10 |         12 |
| D063       | 02005   | 002      |        7 |         12 |
| D063       | 02005   | 003      |        7 |         12 |
| D067       | 02013   | 004      |       10 |         12 |
| D067       | 02029   | 005      |        7 |         12 |
| D068       | 02027   | 002      |        7 |         12 |
| D069       | 02039   | 002      |        7 |         12 |
| D070       | 02009   | 001      |       10 |         12 |
| D072       | 02014   | 001      |       10 |         12 |
```

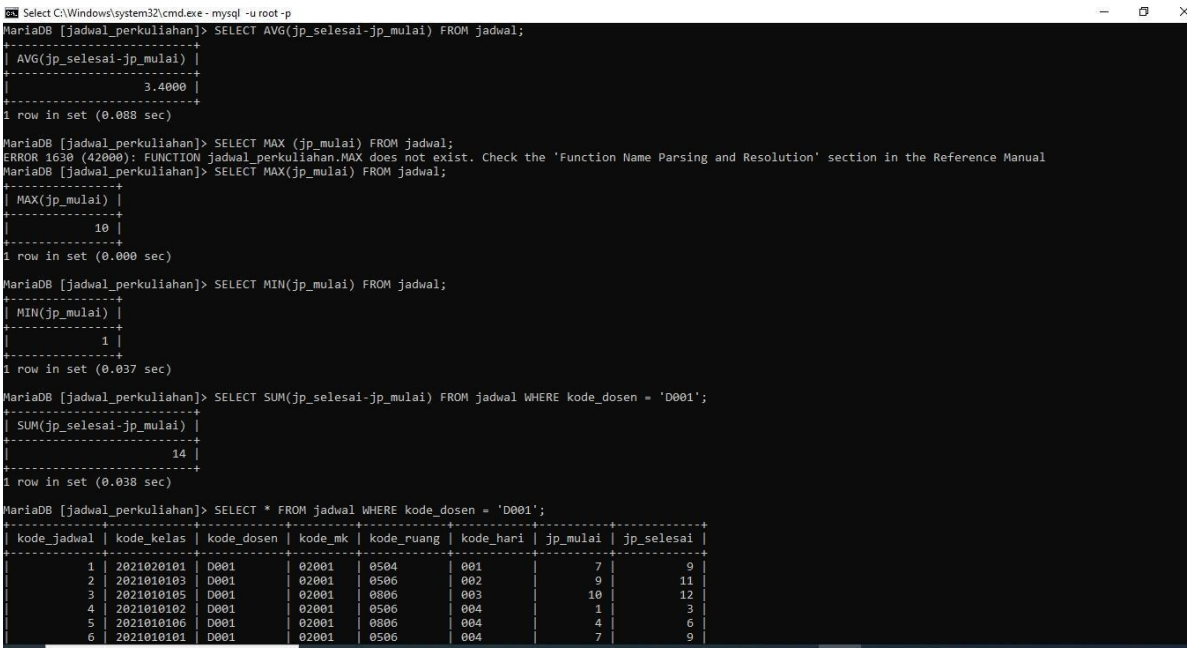

Select C:\Windows\system32\cmd.exe - mysql -u root -p
D072	02014	001	10	12
D072	02014	001	10	12
D074	02038	002	10	12
D076	02015	001	7	12
D076	02015	003	7	12
D077	02015	001	7	12
D078	02015	002	7	12
D078	02018	005	8	12
D079	02031	002	8	12
D079	02031	003	8	12
D080	02031	004	8	12
D082	02030	002	7	12
D083	02041	002	7	12
D083	02030	003	7	12
D083	02041	004	7	12
D084	02033	004	7	12
D085	02006	002	10	12
93 rows in set (0.061 sec)
MariaDB [jadwal_perkuliahan]> SELECT kode_dosen, kode_mk, kode_hari, jp_mulai, jp_selesai FROM jadwal WHERE jp_selesai < ALL (SELECT jp_selesai FROM jadwal WHERE jp_sel
esai = 6);
kode_dosen	kode_mk	kode_hari	jp_mulai	jp_selesai
D001	02001	004	1	3
D002	02036	003	2	4
D003	02012	002	1	4
D003	02012	002	1	4
D003	02017	003	2	5
D003	02017	003	2	5
D003	02017	005	2	5
D004	02028	001	1	3
D007	02038	003	3	5
D007	02038	003	3	5
D008	02012	001	2	5
D008	02036	003	2	4
D010	02026	001	3	4
D011	02019	002	1	5
D011	02019	004	1	5
D011	02019	005	1	5
D012	02018	001	1	5
D012	02018	002	1	5
D013	02008	005	2	4


Select C:\Windows\system32\cmd.exe - mysql -u root -p
D013	02008	005	2	4
D014	02017	004	1	4
D014	02017	004	1	4
D014	02017	005	2	5
D015	02032	002	3	5
D016	02038	001	1	3
D021	02032	002	1	3
D022	02012	005	1	4
D023	02023	001	1	4
D023	02023	005	1	4
D025	02017	005	1	4
D025	02017	005	1	4
D027	02035	003	1	4
D028	02026	002	1	4
D029	02036	003	1	3
D029	02036	003	1	3
D029	02036	005	1	3
D029	02036	005	1	3
D030	02036	003	1	3
D032	02008	002	1	3
D034	02008	001	1	3
D038	02012	002	2	5
D038	02012	005	1	4
D038	02012	005	1	4
D039	02040	001	1	3
D039	02040	001	1	3
D041	02028	002	1	3
D041	02028	002	1	3
D042	02035	005	2	5
D042	02035	005	2	5
D043	02017	001	2	5
D043	02017	002	2	5
D043	02017	002	2	5
D044	02032	001	3	5
D044	02020	004	3	5
D044	02020	004	3	5
D046	02018	005	1	5
D047	02020	002	1	3
D047	02020	002	1	3
D050	02001	003	1	3
D051	02020	003	2	4
D054	02003	001	2	4
D054	02003	001	2	4
D055	02003	001	1	3



```
Select C:\Windows\system32\cmd.exe - mysql  -u root -p
| D055       | 02003   | 001       |         1 |           3 |
| D059       | 02023   | 001       |         1 |           4 |
| D059       | 02023   | 002       |         2 |           5 |
| D059       | 02023   | 005       |         2 |           5 |
| D060       | 02018   | 005       |         1 |           5 |
| D061       | 02004   | 005       |         2 |           5 |
| D062       | 02011   | 005       |         1 |           5 |
| D063       | 02026   | 003       |         1 |           4 |
| D063       | 02026   | 003       |         1 |           4 |
| D064       | 02006   | 001       |         1 |           3 |
| D064       | 02006   | 002       |         1 |           3 |
| D064       | 02006   | 003       |         1 |           3 |
| D064       | 02006   | 004       |         1 |           3 |
| D064       | 02006   | 005       |         2 |           4 |
| D071       | 02017   | 001       |         1 |           4 |
| D071       | 02017   | 001       |         1 |           4 |
| D071       | 02017   | 003       |         1 |           4 |
| D072       | 02014   | 001       |         1 |           3 |
| D072       | 02014   | 001       |         1 |           3 |
| D073       | 02012   | 003       |         1 |           4 |
| D074       | 02038   | 002       |         3 |           5 |
| D074       | 02038   | 002       |         3 |           5 |
| D074       | 02019   | 005       |         1 |           5 |
| D075       | 02028   | 001       |         1 |           3 |
| D076       | 02012   | 001       |         1 |           4 |
| D076       | 02012   | 001       |         1 |           4 |
| D078       | 02018   | 002       |         1 |           5 |
| D079       | 02035   | 005       |         2 |           5 |
| D080       | 02035   | 002       |         1 |           4 |
| D081       | 02014   | 001       |         1 |           3 |
| D081       | 02014   | 001       |         1 |           3 |
| D081       | 02014   | 002       |         1 |           3 |
| D081       | 02014   | 002       |         1 |           3 |
| D081       | 02014   | 004       |         1 |           3 |
| D081       | 02014   | 004       |         1 |           3 |
| D082       | 02013   | 002       |         1 |           3 |
| D084       | 02032   | 001       |         1 |           3 |
| D084       | 02020   | 004       |         1 |           3 |
| D084       | 02020   | 004       |         1 |           3 |
| D085       | 02006   | 001       |         1 |           3 |
| D085       | 02006   | 003       |         1 |           3 |
| D085       | 02006   | 004       |         2 |           4 |
+------------+---------+-----------+-----------+-------------+
103 rows in set (0.001 sec)
```

Praktikum 4



```
Select C:\Windows\system32\cmd.exe - mysql  -u root -p
MariaDB [jadwal_perkuliahan]> SELECT AVG(jp_selesai-jp_mulai) FROM jadwal;
+--------------------------+
| AVG(jp_selesai-jp_mulai) |
+--------------------------+
|                   3.4000 |
+--------------------------+
1 row in set (0.088 sec)

MariaDB [jadwal_perkuliahan]> SELECT MAX (jp_mulai) FROM jadwal;
ERROR 1630 (42000): FUNCTION jadwal_perkuliahan.MAX does not exist. Check the 'Function Name Parsing and Resolution' section in the Reference Manual
MariaDB [jadwal_perkuliahan]> SELECT MAX(jp_mulai) FROM jadwal;
+---------------+
| MAX(jp_mulai) |
+---------------+
|            10 |
+---------------+
1 row in set (0.000 sec)

MariaDB [jadwal_perkuliahan]> SELECT MIN(jp_mulai) FROM jadwal;
+---------------+
| MIN(jp_mulai) |
+---------------+
|             1 |
+---------------+
1 row in set (0.037 sec)

MariaDB [jadwal_perkuliahan]> SELECT SUM(jp_selesai-jp_mulai) FROM jadwal WHERE kode_dosen = 'D001';
+--------------------------+
| SUM(jp_selesai-jp_mulai) |
+--------------------------+
|                       14 |
+--------------------------+
1 row in set (0.038 sec)

MariaDB [jadwal_perkuliahan]> SELECT * FROM jadwal WHERE kode_dosen = 'D001';
+-------------+------------+------------+---------+------------+-----------+----------+------------+
| kode_jadwal | kode_kelas | kode_dosen | kode_mk | kode_ruang | kode_hari | jp_mulai | jp_selesai |
+-------------+------------+------------+---------+------------+-----------+----------+------------+
|           1 | 2021020101 | D001       | 02001   | 0504       | 001       |        7 |          9 |
|           2 | 2021010103 | D001       | 02001   | 0506       | 002       |        9 |         11 |
|           3 | 2021010105 | D001       | 02001   | 0806       | 003       |       10 |         12 |
|           4 | 2021010102 | D001       | 02001   | 0506       | 004       |        1 |          3 |
|           5 | 2021010106 | D001       | 02001   | 0806       | 004       |        4 |          6 |
|           6 | 2021010101 | D001       | 02001   | 0506       | 004       |        7 |          9 |
```

```
Select C:\Windows\system32\cmd.exe - mysql  -u root -p

MariaDB [jadwal_perkuliahan]> SELECT * FROM jadwal WHERE kode_dosen = 'D001';
+-------------+------------+------------+---------+------------+-----------+----------+------------+
| kode_jadwal | kode_kelas | kode_dosen | kode_mk | kode_ruang | kode_hari | jp_mulai | jp_selesai |
+-------------+------------+------------+---------+------------+-----------+----------+------------+
|           1 | 2021020101 | D001       | 02001   | 0504       | 001       |        7 |          9 |
|           2 | 2021010103 | D001       | 02001   | 0506       | 002       |        9 |         11 |
|           3 | 2021010105 | D001       | 02001   | 0806       | 003       |       10 |         12 |
|           4 | 2021010102 | D001       | 02001   | 0506       | 004       |        1 |          3 |
|           5 | 2021010106 | D001       | 02001   | 0806       | 004       |        4 |          6 |
|           6 | 2021010101 | D001       | 02001   | 0506       | 004       |        7 |          9 |
|           7 | 2021010104 | D001       | 02001   | 0506       | 005       |       10 |         12 |
+-------------+------------+------------+---------+------------+-----------+----------+------------+
7 rows in set (0.001 sec)

MariaDB [jadwal_perkuliahan]> SELECT COUNT (kode_ruang) FROM ruang;
ERROR 1630 (42000): FUNCTION jadwal_perkuliahan.COUNT does not exist. Check the 'Function Name Parsing and Resolution' section in the Reference Manual
MariaDB [jadwal_perkuliahan]> SELECT COUNT(kode_ruang) FROM ruang;
+-------------------+
| COUNT(kode_ruang) |
+-------------------+
|                36 |
+-------------------+
1 row in set (0.001 sec)
```

Tugas

1. Bagaimana sintaksis untuk menampilkan semua kolom jadwal pada hari kamis yang dimulai pada pukul 08:40 ? Tunjukkan outputnya!

```
C:\Windows\system32\cmd.exe - mysql  -u root -p
MariaDB [jadwal_perkuliahan]> SELECT * FROM jadwal WHERE kode_hari = '004' AND jp_mulai = '08:40:00';
+-------------+------------+------------+---------+------------+-----------+----------+------------+
| kode_jadwal | kode_kelas | kode_dosen | kode_mk | kode_ruang | kode_hari | jp_mulai | jp_selesai |
+-------------+------------+------------+---------+------------+-----------+----------+------------+
|          36 | 2021010102 | D007       | 02011   | 0615       | 004       |        8 |         12 |
|          55 | 2021010204 | D011       | 02019   | 0716       | 004       |        8 |         12 |
|         144 | 2021020105 | D032       | 02009   | 0717       | 004       |        8 |         10 |
|         268 | 2021020102 | D061       | 02004   | 0806       | 004       |        8 |         11 |
|         271 | 2021010104 | D062       | 02011   | 0703       | 004       |        8 |         12 |
|         343 | 2021010103 | D080       | 02031   | 0508       | 004       |        8 |         12 |
+-------------+------------+------------+---------+------------+-----------+----------+------------+
6 rows in set, 1 warning (0.001 sec)
```

2. Berapakah jumlah dosen yang mengajar pada hari selasa! Tunjukkan sintaksis dan outputnya! Kemudian tampilkan list semua kode dosen yang sesuai dengan kondisi tersebut! Tunjukkan sintaksis dan outputnya!

```
MariaDB [jadwal_perkuliahan]> SELECT DISTINCT kode_dosen FROM jadwal WHERE kode_hari = '002';
+------------+
| kode_dosen |
+------------+
| D001       |
| D003       |
| D004       |
| D007       |
| D009       |
| D010       |
| D011       |
| D012       |
| D013       |
| D015       |
| D021       |
| D025       |
| D028       |
| D031       |
| D032       |
| D034       |
| D035       |
| D036       |
| D038       |
| D039       |
| D041       |
| D043       |
| D047       |
| D048       |
| D049       |
| D052       |
| D054       |
```

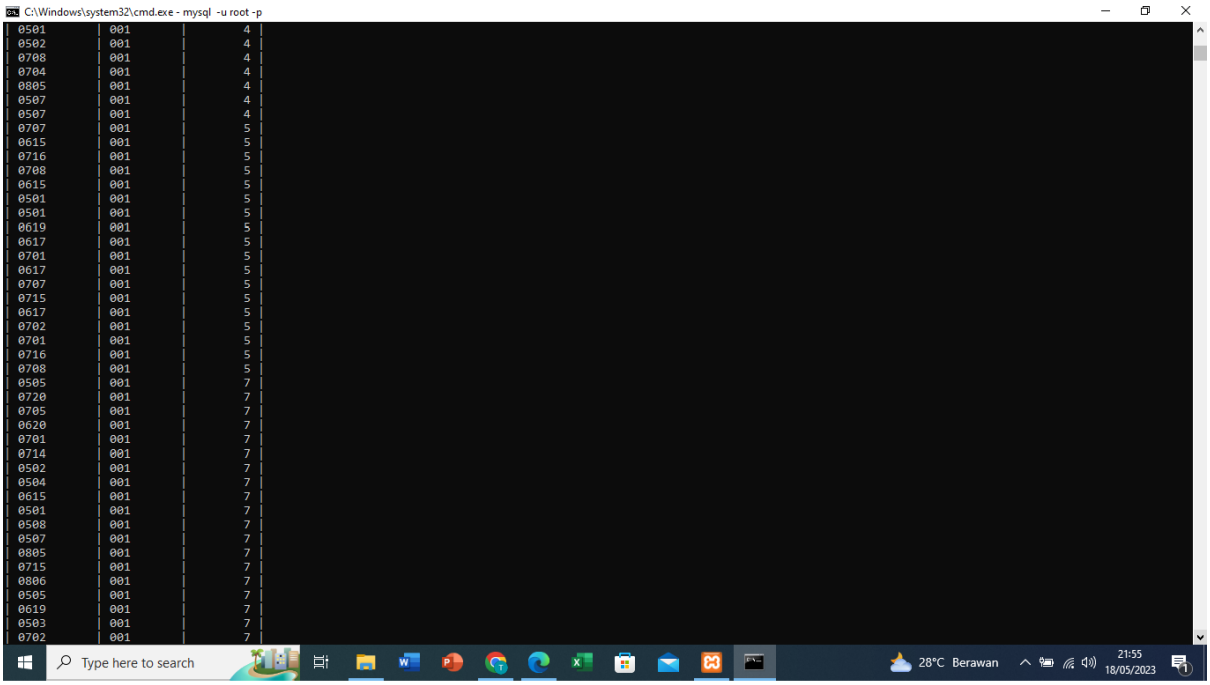
```
C:\Windows\system32\cmd.exe - mysql  -u root -p
| D054       |
| D059       |
| D061       |
| D062       |
| D063       |
| D064       |
| D068       |
| D069       |
| D070       |
| D074       |
| D075       |
| D078       |
| D079       |
| D080       |
| D081       |
| D082       |
| D083       |
| D085       |
+------------+
44 rows in set (0.001 sec)
```

3. Tampilkan kode dosen yang mengajar pada hari kamis dari tabel jadwal yang nama depanya di awali dengan huruf A. gunakan operasi intersect! Tunjukkan sintaksis dan output dari pencarian tersebut.

```
MariaDB [jadwal_perkuliahan]> SELECT kode_dosen FROM jadwal WHERE kode_hari = (SELECT kode_hari FROM hari WHERE nama_hari = 'Kamis') INTERSECT SELECT kode_dosen FROM do
sen WHERE nama_dosen LIKE 'A%';
+------------+
| kode_dosen |
+------------+
| D001       |
| D002       |
| D004       |
| D006       |
| D007       |
| D008       |
| D011       |
| D013       |
+------------+
8 rows in set (0.001 sec)
```

4. Tampilkan kode_ruang tertentu pada hari tertentu dengan diurutkan berdasarkan dengan kode jam yang ter awal.

```
C:\Windows\system32\cmd.exe - mysql -u root -p
MariaDB [jadwal_perkuliahan]> SELECT kode_ruang, kode_hari, jp_mulai FROM jadwal WHERE kode_hari = (SELECT kode_hari FROM hari WHERE nama_hari = 'Senin') ORDER BY jp_mu
lai;
+------------+-----------+----------+
| kode_ruang | kode_hari | jp_mulai |
+------------+-----------+----------+
| 0718       | 001       |        1 |
| 0508       | 001       |        1 |
| 0713       | 001       |        1 |
| 0505       | 001       |        1 |
| 0615       | 001       |        1 |
| 0618       | 001       |        1 |
| 0805       | 001       |        1 |
| 0719       | 001       |        1 |
| 0716       | 001       |        1 |
| 0502       | 001       |        1 |
| 0715       | 001       |        1 |
| 0503       | 001       |        1 |
| 0503       | 001       |        1 |
| 0620       | 001       |        1 |
| 0615       | 001       |        1 |
| 0505       | 001       |        1 |
| 0507       | 001       |        1 |
| 0618       | 001       |        1 |
| 0702       | 001       |        1 |
| 0507       | 001       |        1 |
| 0704       | 001       |        1 |
| 0708       | 001       |        1 |
| 0506       | 001       |        1 |
| 0504       | 001       |        1 |
| 0701       | 001       |        1 |
| 0720       | 001       |        1 |
| 0720       | 001       |        1 |
| 0501       | 001       |        1 |
| 0705       | 001       |        2 |
| 0703       | 001       |        2 |
| 0703       | 001       |        2 |
| 0619       | 001       |        2 |
| 0706       | 001       |        3 |
| 0806       | 001       |        3 |
| 0506       | 001       |        4 |
| 0503       | 001       |        4 |
| 0717       | 001       |        4 |
| 0805       | 001       |        4 |
| 0501       | 001       |        4 |
```


C:\Windows\system32\cmd.exe - mysql -u root -p
0501	001	4
0502	001	4
0708	001	4
0704	001	4
0805	001	4
0507	001	4
0507	001	4
0707	001	5
0615	001	5
0716	001	5
0708	001	5
0615	001	5
0501	001	5
0501	001	5
0619	001	5
0617	001	5
0701	001	5
0617	001	5
0707	001	5
0715	001	5
0617	001	5
0702	001	5
0701	001	5
0716	001	5
0708	001	5
0505	001	7
0720	001	7
0705	001	7
0620	001	7
0701	001	7
0714	001	7
0502	001	7
0504	001	7
0615	001	7
0501	001	7
0508	001	7
0507	001	7
0805	001	7
0715	001	7
0806	001	7
0505	001	7
0619	001	7
0503	001	7
0702	001	7
Type here to search
28°C Berawan
21:55
18/05/2023

C:\Windows\system32\cmd.exe - mysql -u root -p
0702	001	7
0703	001	7
0506	001	7
0704	001	8
0713	001	9
0618	001	10
0714	001	10
0714	001	10
0501	001	10
0806	001	10
0504	001	10
0618	001	10
0501	001	10
0502	001	10
0507	001	10
+------------+-----------+----------+
96 rows in set (0.001 sec)