BLM2058 Lab-3
Mücahit KURTLAR 19290259

1)

```
mysql> SELECT student_name, age FROM Students;
+--------------+-----+
| student_name | age |
+--------------+-----+
| Ali K.       |  21 |
| Mehmet S.    |  18 |
| Ayhan D.     |  17 |
| Fatma B.     |  17 |
| Fulya K.     |  19 |
| Ahmet T.     |  20 |
| Yasemin K.   |  22 |
| Nilüfer C.   |  18 |
| Mehmet R.    |  23 |
| Mustafa D.   |  18 |
+--------------+-----+
10 rows in set (0.00 sec)

mysql>
```

2)

```
mysql> SELECT student_name, student_id FROM Students WHERE gpa > 3.00;
+--------------+------------+
| student_name | student_id |
+--------------+------------+
| Ali K.       |         17 |
| Ahmet T.     |         62 |
| Yasemin K.   |         42 |
| Nilüfer C.   |         45 |
+--------------+------------+
4 rows in set (0.00 sec)
```

3)

```
mysql> SELECT AVG(gpa) FROM Students WHERE gpa > 2.50;
+----------+
| AVG(gpa) |
+----------+
|    3.125 |
+----------+
1 row in set (0.00 sec)
```

4)

```
mysql> SELECT MAX(age) FROM Students;
+----------+
| MAX(age) |
+----------+
|       23 |
+----------+
1 row in set (0.00 sec)
```

5)

```
mysql> SELECT AVG(age), AVG(CAST(gpa as Char)) FROM Students;
+----------+------------------------+
| AVG(age) | AVG(CAST(gpa as Char)) |
+----------+------------------------+
|  19.3000 |                  2.666 |
+----------+------------------------+
1 row in set (0.00 sec)
```

6)

```
mysql> SELECT AVG(age) FROM Students WHERE student_name LIKE "M%";
+----------+
| AVG(age) |
+----------+
|  19.6667 |
+----------+
1 row in set (0.00 sec)
```

7)

```
mysql> SELECT * FROM Students ORDER BY age DESC;
+------------+--------------+------+-----+
| student_id | student_name | gpa  | age |
+------------+--------------+------+-----+
|         28 | Mehmet R.    | 2.89 |  23 |
|         42 | Yasemin K.   | 3.48 |  22 |
|         17 | Ali K.       | 3.56 |  21 |
|         62 | Ahmet T.     | 3.03 |  20 |
|         68 | Fulya K.     | 2.67 |  19 |
|         11 | Mehmet S.    | 2.12 |  18 |
|         45 | Nilüfer C.   | 3.12 |  18 |
|         36 | Mustafa D.   | 1.56 |  18 |
|         25 | Ayhan D.     | 1.78 |  17 |
|         27 | Fatma B.     | 2.45 |  17 |
+------------+--------------+------+-----+
10 rows in set (0.00 sec)
```