

SQL SELECT

Retrieve records from one or more tables.

SELECT expressions

FROM table

[WHERE conditions]

[GROUP BY property]

[HAVING conditions]

[ORDER BY property]

} optional

ID	name	grade	GPA
1	Bianka	11	2.75
2	James	12	3.3
3	Taylor	10	4.0
4	Raymond	9	3.75
5	Jessica	9	2.75
6	Justin	11	2.7

Return the records of all students who have a GPA higher than a 3.0.

SELECT * ←
FROM students
WHERE gpa > 3.0

We use this to denote that we want all of the columns from the selected table

ID	name	grade	GPA
2	James	12	3.3
3	Taylor	10	4.0
4	Raymond	9	3.75

Return the names of students who have a GPA higher than 3.0 AND is in 12th grade to determine who is eligible for graduation.

SELECT name
FROM students
WHERE (gpa > 3.0 AND grade = 12)

name
James

Supplier Table

ID	supplier_name	city	state
100	Microsoft	Redmond	Washington
200	Google	Mountain View	California
300	Oracle	Redwood City	California
400	Kimberly-Clark	Irving	Texas
500	Tyson Foods	Springdale	Arkansas
600	SC Johnson	Racine	Wisconsin
700	Dole Food	Westlake Village	California
800	Flower Foods	Thomasville	Georgia
900	Electronic Arts	Redwood City	California

Return the supplier name and city for records that have an ID greater than 500 & order result by the supplier name.

```
SELECT supplier_name, city
FROM suppliers
WHERE supplier_id > 500
ORDER BY supplier_name ASC
```

Supplier_name	city
Dole Food	Westlake Village
Electronic Arts	Redwood City
Flowers Foods	Thomasville
SC Johnson	Racine