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CIS 3870

MySQL Exercise

1. Show all of the information about the students.

 **SELECT \***

 **FROM Student;**

+-----------+-------------+------------+------------+------+

| StudentID | StudentName | Major | GradeLevel | GPA |

+-----------+-------------+------------+------------+------+

| 100 | Jones | Finance | JR | 2.6 |

| 150 | Parks | Accounting | SO | 3.9 |

| 200 | Baker | Marketing | JR | 3.0 |

| 250 | Glass | Finance | SN | 3.0 |

| 300 | Baker | Accounting | SN | 3.1 |

| 350 | Russell | Marketing | JR | 2.5 |

| 400 | Rye | Accounting | FR | 2.8 |

| 450 | Jones | Finance | SN | 2.4 |

+-----------+-------------+------------+------------+------+

**8 rows in set (0.00 sec)**

1. Who are the students? Secondly, display this list in alphabetic sequence?

 **SELECT StudentName**

 **FROM Student**

 **ORDER BY asc;**

+-------------+

| StudentName |

+-------------+

| Baker |

| Baker |

| Glass |

| Jones |

| Jones |

| Parks |

| Russell |

| Rye |

+-------------+

**8 rows in set (0.00 sec)**

1. Who are the Accounting majors?

 **SELECT StudentName**

 **FROM Student**

 **WHERE Major = 'Accounting';**

+-------------+

| StudentName |

+-------------+

| Parks |

| Baker |

| Rye |

+-------------+

**3 rows in set (0.00 sec)**

1. Who are the students with GPAs greater than 3.0?

 **SELECT StudentName**

 **FROM Student**

 **WHERE GPA > 3.0**

+-------------+

| StudentName |

+-------------+

| Parks |

| Baker |

+-------------+

**2 rows in set (0.00 sec)**

1. Who are the students taking ACC2010?

 **SELECT StudentName**

 **FROM Student**

 **INNER JOIN Enrollment**

 **ON Student.StudentID = Enrollment.StudentNumber**

 **WHERE Class.Name = 'ACC2010'**

+-------------+

| StudentName |

+-------------+

| Parks |

| Rye |

| Jones |

**+-------------+**

**3 rows in set (0.00 sec)**

1. Who are the students taking classes MWF at 3:00?

 **SELECT StudentName**

 **FROM Student**

 **INNER JOIN Enrollment**

 **ON Student.StudentID = Enrollment.StudentNumber**

 **INNER JOIN Class**

 **ON Enrollment.ClassName = Class.Name**

 **WHERE Time = 'MWF3';**

+-------------+

| StudentName |

+-------------+

| Jones |

| Baker |

| Baker |

| Rye |

+-------------+

**4 rows in set (0.00 sec)**