**Databases**

**Lab SQL**

**Note**: You should use the details\_setup script

1. ~~Get the details of all employees who are not between the ages of 40 and 50.~~
2. ~~Get the details of all employees who work between the 10 and 15 hours per week.~~
3. ~~Find all employees who have an ‘e’ in their first name.~~
4. ~~Find all employees whose second letter of their first name is ‘u’~~
5. ~~Find all employees whose first name:~~
   * ~~ends with n and is only 4 letters in length~~
   * ~~starts with a ‘J’ but is only 4 letters in length~~
   * ~~is only 3 letters in length~~
   * ~~Is greater than 4 letters in length~~
6. ~~Find all female employees who have a ‘3’ in their age.~~
7. ~~Count the number of females.~~
8. ~~Count the number of males.~~
9. ~~Calculate the average age of the females.~~
10. ~~Calculate the average age of the males.~~
11. ~~Who is the oldest employee?~~
12. ~~Who is the youngest employee?~~
13. ~~What is the average hours worked?~~
14. ~~What is the total of the female wage?~~
15. ~~What is the total of the male wage?~~
16. ~~What is the average age in each department?~~
17. ~~What is the average age of each position?~~
18. Count the number of males/females per department.