**Databases – Details lab – Part 1**

**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 sum of the female wage?
15. What is the sum of the male wage?
16. What is the average age in each department?
17. What is the average age of each position?