Attempt the following questions:

1. Write a JavaScript program that uses a *function expression* to check if a supplied year is a leap year or not. The application must be able to log the following in console:

    ```
    2012 was a leap year
    2009 was not a leap year
    ```

2. Create a JavaScript application that uses an arrow function to calculate the tax of a given salary. Below are the tax brackets:

Salary	Tax
salary < 8000	0.15
8000 < salary < 12000	0.20
Salary > 12000	0.25

    Utilize if-else decision constructs in the implementation of your program. The application must be able to log the following in console if a salary of 15000 is entered:

    ```
    Your tax is 3750
    ```

3. Create a function that can give different access to different roles that a user can possess. A user can be on the following roles:
    Admin - All access
    Lecturer - Access to create and delete tests
    Student - Access to read tests
    Other - trial user

    Use switch-case statements in the implementation of your program. A sample output for a Lecturer named Ryan is:

    ```
    Ryan is a lecturer with create and delete access
    ```

4. A company decided to give bonus of 5% to employee if his/her year of service is more than 5 years.
    a)   Ask the user for the salary and year of service.
    b)   Write a program that calculates the bonus of each employee gets, and prints the bonus amount and total salary amount after bonus