

# LAB 6: ITECalculator

In this lab, you will continue your calculator application by adding the following features:

- A. Add the following methods to the **NumberSystemConversion** class:
  1. **decimal2Binary(datatype decimal)** to convert from **decimal** to **binary**
  2. **decimal2Octal(datatype decimal)** to convert from **decimal** to **octal**
  3. **decimal2Hex(datatype decimal)** to convert from **decimal** to **hexadecimal**
- B. Add a new submenu "**Decimal**"
- C. When the user choose "**Decimal**" submenu, it will show
  1. **Decimal**
    - **Decimal to Binary**
    - **Decimal to Octal**
    - **Decimal to Hexadecimal**