

### Extra Challenges!

These extra challenges are not assessed but allow you to challenge yourself further.

- 1 Modify the **CompareApp** program further so if the two numbers are not equal, as well as displaying the message “Numbers ARE NOT equal”, the program also displays “FIRST number BIGGER” if the first number is bigger than the second and displays “SECOND number BIGGER” if the second number is bigger than the first.
2. Modify the **switch** statement from the **SecretsApp** program so that a spy with level 3 clearance can get to see all 3 secrets, the spy with level 2 can see both level 2 and level 1 secrets, but a spy with level 1 clearance can only see the level 1 secret.
- 3 Create a new class to solve the following task:

*Implement a program that asks the user to enter two numbers and then guess at the sum of those two numbers. If the user guesses correctly a congratulatory message is displayed, otherwise a commiseration message is displayed along with the correct answer.*