**Exercise: Nested Traditional Switch Statement**

*Task*: Write a Java program using nested switch statements to evaluate two integer variables (x and y) and print specific messages based on their values.

*Hint*:

* Declare and initialize two int variables, x and y.
* Use an outer switch for x and an inner switch for y to handle different cases.
* Ensure that the inner switch runs only when a specific case in the outer switch is true.
* Use break statements to prevent fall-through and a default case for unexpected y values.

*Explanation*:

* The program evaluates x and, based on its value, a nested switch checks y.
* If x is 1, the program enters the corresponding block and checks y to print messages like "x is 1 and y is 2" or "x is 1 and y is 3".
* If x is 2, it similarly evaluates y and prints messages accordingly.
* The default case ensures that if y does not match any expected values within the nested switch, a fallback message is printed.
* This exercise demonstrates the use of nested switch statements for handling multi-variable conditions and decision-making.