**Exercise: DayOfWeek Switch Statement**

*Task*: Write a program that uses a switch statement to print the name of the day based on an integer input. If the input does not match any day from 1 to 7, print "Invalid day".

*Hint*:

* Use int day as the variable to represent the day of the week.
* Create a switch statement to handle cases from 1 to 7, each representing a day of the week (e.g., 1 for "Monday", 2 for "Tuesday", etc.).
* Include a default case to print "Invalid day" if the input is not within the valid range.
* Use break after each case to prevent fall-through.

*Explanation*:

* The switch statement evaluates the value of day.
* Each case corresponds to a day of the week and prints the respective day's name.
* The break statement ensures that only the matching case is executed, preventing other cases from running.
* The default case handles any input that does not match 1 through 7, printing "Invalid day".
* This exercise helps in understanding how to use switch statements for multi-branch decisions effectively.