

Switch:

A control statement that allows a variable to be tested to equality against a list of values, each defined in a case statement. It is used to perform different actions on different conditions.

Algorithms:-

1. Prompt the user to enter an integer between 1 and 7

2. Read the input integer a_1 .

3. Use a Switch statement to display the corresponding weekday based on the input integer.

if a_1 is 1, Print "Monday".

if a_1 is 2, Print "Tuesday".

if a_1 is 3, Print "Wednesday".

if a_1 is 4, Print "Thursday".

if a_1 is 5, Print "Friday".

if a_1 is 6, Print "Saturday".

if a_1 is 7, Print "Sunday".

4. Print the Result and Close the Scanner.