

**Project:** p02

**Assignment:** Write a C++ program that prints out a table of months and days twice as shown in Figure 1.

**Program Files:** Project 2 consists of file p02.C

**Program organization:** The first table is implemented using two parallel arrays. The first array contains pointers to strings containing the names of the months. The second array contains the number of days in each month. Insert data in both arrays using array initializers.

The second table is implement via an array of structures. Define structure month having two members. The first member is a pointer to a string that will contain the name of the month. The second member contains the number of days in the month. Declare an array of type month. Initialize array month using array initializers.

**Output format:** Output is printed in two columns. The first column occupies 10 characters. The names of the months are placed left-justified in the first column. A single space separates the two columns. The second column occupies 5 spaces. The number of days in the corresponding month is placed right-justified in the second column.

Title each column before each table is printed as shown in Figure 1.

MONTH	DAYS
January	31
February	28
March	31
April	30
May	31
June	30
July	31
August	31
September	30
October	31
November	30
December	31
MONTH	DAYS
January	31
February	28
March	31
April	30
May	31
June	30
July	31
August	31
September	30
October	31
November	30
December	31

**Figure 1.** Output Format