// Using a string as an indexer value

class DayCollection

{

string[] days = { "Sun", "Mon", "Tues", "Wed", "Thurs", "Fri", "Sat" };

// This method finds the day or returns -1

private int GetDay(string testDay)

{

for (int j = 0; j < days.Length; j++)

{

if (days[j] == testDay)

{

return j;

}

}

throw new System.ArgumentOutOfRangeException(testDay, "testDay must be in the form \"Sun\", \"Mon\", etc");

}

// The get accessor returns an integer for a given string

public int this[string day]

{

get

{

return (GetDay(day));

}

}

}

class Program

{

static void Main(string[] args)

{

DayCollection week = new DayCollection();

System.Console.WriteLine(week["Fri"]);

// Raises ArgumentOutOfRangeException

System.Console.WriteLine(week["Made-up Day"]);

// Keep the console window open in debug mode.

System.Console.WriteLine("Press any key to exit.");

System.Console.ReadKey();

}

}

// Output: 5