## Conditional statements

### Equals

Write an app that read two integers and checks whether they are equal or not. When printing output print the numbers and if they are equal for example “1 and 2 are not equal”

### Even or odd

Determine whether a number is even or odd. The number should be given by the user as input. When printing the output, it must contain the numbers and the result where result is either “even” or “odd”.

* Tips. Use the modulu operator, all even numbers are divisible by two, no uneven number is divisible by two

### Multiples

Write an app that reads two integers, determines whether the first is a multiple of the second and displays the result.

* Tips. Use the modulu operator

### Leap year

Write an app that takes a year as input and checks whether it is a leap year. When printing output include the given year and the result

* A leap year is divisible by 4 and not divisible by 100
* A leap year is divisible by 4 and divisible by 400
* 1900 is not a leap year despite being divisible by 4 because it is also divisible by 4
* 2000 is a leap year because it is divisible by 4 and divisible by 400 despite also being divisible by 100

### Interpret floats

Write an app that read a floating-point number and prints “zero” if the number is zero. Otherwise it should print “positive” if the floating-point number is positive and vice-versa. It is its positive add “small” if the number is less than 100 or “large” if it exceeds 1000. Do the same for negative using more than -100 and less -1000

### Weekday

Write an app that read a number from the user and outputs the corresponding weekday. Where Monday is 1. For example, give input 3 it should print “Wednesday”.

* Tips. If you have checked all valid numbers, you can assume the rest are invalid

### Comparing integers

Write an app that asks the user to enter two integers, obtains them from the user and displays the larger number followed by the words "is larger". If the numbers are equal, display the message "These numbers are equal”

### Arithmetic smallest, largest

Write an app that inputs three integers from the user and displays the sum, average, product, and smallest and largest of the numbers. The average calculation in this exercise should result in an integer i.e 2 not 2.333.

* Convert.ToInt32 also rounds to nearest whole number