

Practice with if statements

1. If the temperature, stored in an `int` called `temp`, is less than 32 degrees, print “Careful, roads may be icy!”

2. Given an `int` `x`, if `x` is divisible by 2 print “x is even.” Otherwise print “x is odd.”

3. Given the current month (stored as an `int` called `month`, where January is 1 and December is 12), if the month is between June and August (inclusive) print “It’s summer!”

Practice with if/else

1. Given an `int` `day` that stores the day of the week (Sunday=1, Monday=2,..., Saturday=7) print “COSC-111 meets today!” if it’s Monday, Wednesday, or Friday, and “No COSC-111 today” otherwise. If it’s Saturday or Sunday, your program also should print “It’s the weekend!”

2. Given the following:

- The capacity of a gas tank, in gallons (`int` `capacity`)
- The current gas gauge indicator, in percent (`int` `gauge`, where 100 means full and 0 means empty)
- The mileage of the car, in miles per gallon (`int` `mpg`)

print “Get gas” or “Safe to drive” depending on whether the car can drive 50 miles without running out of gas.

3. To ride the Super Awesome Roller Coaster at the amusement park, you must be within 6 inches of 5 feet tall. Given an `int feet` and an `int inches` storing a person's height, set a boolean variable `allowed` to `true` or `false` depending on whether they can ride the coaster.