1. Write a function named tellFortune that:

* takes 4 arguments: number of children, partner's name, geographic location, job title.
* outputs your fortune to the screen like so: "You will be a X in Y, and married to Z with N kids."

Call that function 3 times with 3 different values for the arguments.

1. Write a function named calculateDogAge that:

* takes 1 argument: your puppy's age.
* calculates your dog's age based on the conversion rate of 1 human year to 7 dog years.
* outputs the result to the screen like so: "Your doggie is NN years old in dog years!"

Call the function three times with different sets of values.

*Bonus*: Add an additional argument to the function that takes the conversion rate of human to dog years.

1. Write a function named calculateSupply that:

* takes 2 arguments: age, amount per day.
* calculates the amount consumed for rest of the life (based on a constant max age).
* outputs the result to the screen like so: "You will need NN to last you until the ripe old age of X"

Call that function three times, passing in different values each time.

***Bonus***: Accept floating point values for amount per day, and round the result to a round number.

1. Create a function called celsiusToFahrenheit:

* Store a celsius temperature into a variable.
* Convert it to fahrenheit and output "NN°C is NN°F".

Create a function called fahrenheitToCelsius:

* Now store a fahrenheit temperature into a variable.
* Convert it to celsius and output "NN°F is NN°C."

\*NN is actual temperature you need to convert

1. Create a function that validates a password to conform to the following rules:

* Length between 6 and 24 characters,
* At least one uppercase letter (A-Z).
* At least one lowercase letter (a-z).
* At least one digit (0-9).
* Maximum of 2 repeated characters (“aa” is OK, “aaa” is NOT).
* Supported special characters: ! @ # $ % ^ & \* ( ) + = \_ - { } [ ] : ; " ' ? < > , .
* Examples: validatePassword("P1zz@") ➞ false // Too short.
* validatePassword("iLoveYou") ➞ false // Missing a number.
* validatePassword("Fhg93@") ➞ true // OK!

1. Create a function that finds how many prime numbers there are, up to the given integer.

Examples: primeNumbers(10) ➞ 4 // 2, 3, 5 and 7

primeNumbers(20) ➞ 8 // 2, 3, 5, 7, 11, 13, 17 and 19

primeNumbers(30) ➞ 10 // 2, 3, 5, 7, 11, 13, 17, 19, 23 and 29

1. Create a function that returns an array that expands by 1 from 1 to the value of the input, and then reduces back to 1. Items in the arrays will be the same as the length of the arrays.

Examples:

diamondArrays(1) ➞ [1],

diamondArrays(2) ➞ [1, 2, 2, 1]

diamondArrays(5) ➞ [1, 2, 2, 3, 3, 3, 4, 4, 4, 4, 5, 5, 5, 5, 5, 4, 4, 4, 4, 3, 3, 3, 2, 2, 1]