

Assignment 2

The following problem statements need to be solved in python as well as JS

Q1) Write a function that takes an integer minutes and converts it to seconds.

Q2) Create a function that takes voltage and current and returns the calculated power.

Q3) Create a function that takes the age in years and returns the age in days.

Use 365 days as the length of a year for this challenge.

Ignore leap years and days between last birthday and now.

Expect only positive integer inputs.

Q4) Create a function which returns the number of true values there are in an array.

Q5) Create a function that takes numbers b and m as arguments and returns the derivative of the function $f(x)=x^b$ with respect to x evaluated at $x=m$, where b and m are constants.

Q6) Write a function that converts an object into an array, where each element represents a key-value pair in the form of an array. For example `toArray({ a: 1, b: 2 })` \rightarrow `[["a", 1], ["b", 2]]`