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Assignment 4

Function #1 urlChecker

string argument → urlChecker → Local Variables → for loop —True→ add string together
for loop —False→ conditional —True→ return true
conditional —False→ return false

Function #2 stringSeparatorSwap

string argument, string argument, string argument → stringSeparatorSwap → Local Variables → for loop
for loop —False→ return string
for loop —True→ conditional —True→ add new separator to string
conditional —False→ add string together

Function #3 convertStringToNumber

string argument → convertStringToNumber → Local Variables → math → parseInt → conditional —True→ return number
conditional —False→ return not a number

Function #4 phoneNumberCheck

string argument → phoneNumberCheck → for loop —True→ conditional —True→ nested conditional —True→ return false
nested conditional —False→
for loop —False→ return true
conditional —False→ conditional —True→ return false
conditional —False→

Function #5 smallestNumber

array argument, number argument → smallestNumber → for loop
for loop —False→ return number
for loop —True→ conditional —True→ Local Variables → nested conditional —True→ update variable
nested conditional —False→
conditional —False→ conditional —True→ update variable
conditional —False→

Function #6 - arraySum

array argument → arraySum → Local Variables → for loop —False→ return number
for loop —True→ update variable → typeof function → conditional —False→
conditional → math → update variable —True→
math → for loop