1. Implement a function called pinCodeGenerator. This function should take one argument called length and return a randomly generated pin code of a given length.

*For example, pinCodeGenerator(5) → 73473*

1. Create a function that checks whether a phone number is valid or not.

*NOTE:* You don’t need to test your function with all possible phone numbers, just check if the function will work correctly with the following inputs.

validatePhoneNymber(067 734 4343) → true

validatePhoneNymber(094 643 7432) → true

validatePhoneNymber(083 jfvj 4554) → false

validatePhoneNymber(Anton0938 884) → false

validatePhoneNymber(0437348348) → true

1. There is an array with the most popular last names, but few elements don’t look like valid last names. Delete invalid elements of the array.

const arr = ["НПП Прізвище Кіл-ть Приблизно","\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_в\_ базіпо\_Україні", "0-rt-rgfr", "8484fjdfkf", "МЕЛЬНИК","ШЕВЧЕНКО","БОЙКО","КОВАЛЕНКО","БОНДАРЕНКО","ТКАЧЕНКО","КОВАЛЬЧУК","КРАВЧЕНКО","ОЛІЙНИК"]

1. There is a function which counts all vowels in a given string, but for some reason I don’t work as expected. Find out the problem and fix it.

const vovelsCounter = (str) => {

const vovels = ['a', 'e', 'i', 'o', 'u']

let counter = 0

for(letter of str){

if(vovels.includes(letter)){

counter = counter + 1

}

}

return counter

}

vovelsCounter('The current directory is AD-123')

expected output → 8

actual output → 7