function haash(s){

let h=7;

let letters="acdegilmnoprstuw";

for (let i = 0; i < s.length; i++) {

h = (h \* 37 + letters.indexOf(s[i]))

}

return h;

}

const allCombinationsOf = (chars, length, stopCallback, string = '') => {

if (string.length > length) { return }

for (const c of chars) {

const newString = string + c;

if (newString.length < length) {

allCombinationsOf(chars, length, stopCallback, newString);

} else {

if (stopCallback(newString)) {

console.log("Respuesta: ", newString);

break

}

}

}

}

const stopCallback = s => haash(s) === 24785204182557;

//allCombinationsOf("acdegilmnoprstuw", 8, stopCallback)

//allCombinationsOf("ab", 2, stopCallback)

console.log(stopCallback("degilwut"));