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// Galvanize Full Stack Web Development Immersive Challenge

// This code returns the credit card number whose digits sum to the largest number.

// If more than one has the same largest sum of digits, it returns the last one in

// the list with that sum.

var sumCardNumber = function(number) {

var addCCN;

var change = 0;

var rotation = -1;

console.log("The sum of digits for each credit card number in sequence are below.");

for (var i = 0; i < number.length; i++){

addCCN = 0;

var total = number[i];

for (var j = 0; j < total.length; j++){

if (total[j] <= 9 && total[j] >=0) {

var newNum = parseInt(total[j]);

addCCN += newNum;

}

}

console.log(addCCN); // prints digits for each credit card number in sequence

if (addCCN >= change && (i !== number.length -1)) {

change = addCCN;

rotation++;

}

else if (addCCN >= change && (i = number.length -1)) {

change = addCCN;

return number[i];

}

else if ((addCCN < change) && (i !== number.length -1)) {

rotation++;

}

else if ((addCCN < change) && (i = number.length -1)) {

return number[rotation];

}

}

};

sumCardNumber(['4916-2600-1804-0530', '4779-252888-3972', '4252-278893-7978', '4556-4242-9283-2260']);