// 1) Write a program to convert the lower case vowels to upper and viceversa.

// input: I am Good

// output: I Am GOOd

str=prompt("enter a string:")

str1="aeiouAEIOU"

res=""

for(i of str)

{

    if(str1.includes(i)){

        if(i==i.toUpperCase())

        {

            res+=i.toLowerCase();

        }

        else

        {

            res+=i.toUpperCase();

        }

    }

else{

        res+=i

}

}

console.log(res);

Output:- enter a string: I am Good

i Am GOOd

// 2) Write a program to print one vowel, followed by consnant and soon.

// input: I am Good

// output: ImaGodo

// input: Hello World

// output: eHololWorld

str = prompt("Enter a string: ");

str1 = "aeiouAEIOU";

let vowel = "";

let con = "";

for (i of str) {

  if (str1.includes(i) && i != " ") {

    vowel += i;

  } else if (i != " ") {

    con += i;

  }

}

console.log(con, vowel);

let res = "";

let j = 0;

if (vowel.length > con.length) {

  while (j < con.length) {

    res = res + vowel[j] + con[j];

    j++;

  }

  res = res + vowel.slice(j);

} else if (vowel.length < con.length) {

  while (j < vowel.length) {

    res = res + vowel[j] + con[j];

    j++;

  }

  res = res + con.slice(j);

} else {

  if (j < vowel.length) res = res + vowel[j] + con[j];

  j++;

}

console.log(res);

Output:- input: I am Good

output: ImaGodo

// 3) Write a program to print the vowels followed consnants in every word.

// input: Hello World

// output: eoHll oWrld

x = prompt("enter a string: ").split(" ");

res = "";

arr = [];

for (i of x) {

  let v = "";

  let c = "";

  let str = "aeiouAEIOU";

  for (j of i) {

    if (str.includes(j)) {

      v = v + j;

    } else {

      c = c + j;

    }

  }

  res = res + v + c + " ";

}

arr.push(res);

console.log(arr.join("  "));