/\*1)Massivdeki ededlerin cemini tapin\*/

/\*let Example=[678,"Freelance", [99,21,[99,12,456,["Simon","Holly"],78,34] ,45,67],45,67,89,"Raymond",23,true,"Michael", "Joseph",545,188,293]

function findSumNumberInArray(digit){

let sum=0;

for (let s of digit){

if (typeof s=="object"){

sum+=findSumNumberInArray(s);

}

else if(typeof s=="number"){

sum+=s;

}

}

return sum;

}

console.log(findSumNumberInArray(Example))\*/

/\*2)Massivdeki ededlerin ededi ortasin tapin\*/

/\*let Example=[678,"Freelance",[99,21, [99,12,456,["Simon","Holly"],78,34],45,67],45,67,89,"Raymond",23,true,"Michael", "Joseph",545,188,293]

function findMiddleNumberInArray(middle){

let sum=0;

let count=0;

let center=0;

for (let d of middle){

if (typeof d=="object"){

sum+=findMiddleNumberInArray(d);

count+=findMiddleNumberInArray(d)

}

else if(typeof d=="number"){

sum+=d;

count++;

}

}

if (count!=0){

center=sum/count;

}

return center;

}

console.log(findMiddleNumberInArray(Example))\*/

/\*3)Massivdeki ededlerin sayini tapin\*/

/\*let Example=[678,"Freelance", [99,21, [99,12,456,["Simon","Holly"],78,34] ,45,67],45,67,89,"Raymond",23,true,"Michael", "Joseph",545,188,293]

function findCountNumberInArray(number){

let count=0;

for (let c of number){

if (typeof c=="object"){

count+=findCountNumberInArray(c);

}

else if(typeof c=="number"){

count++;

}

}

return count;

}

console.log(findCountNumberInArray(Example))\*/

/\*4) Massivdeki sözlerin sayini tapin\*/

/\*let Example=[678,"Freelance", [99,21, [99,12,456,["Simon","Holly"],78,34] ,45,67],45,67,89,"Raymond",23,true,"Michael", "Joseph",545,188,293]

function findLetterNumberInArray(letter){

let count=0;

for (let l of letter){

if (typeof l=="object"){

count+=findLetterNumberInArray(l);

}

else if(typeof l=="string"){

count++;

}

}

return count;

}

console.log(findLetterNumberInArray(Example))\*/

/\*5)Massivdeki sözleri ve onlarin herfleri sayini gösterin. Misal : Freelance – 9 herf\*/

/\*let Example=[678,"Freelance", [99,21, [99,12,456,["Simon","Holly"],78,34] ,45,67],45,67,89,"Raymond",23,true,"Michael", "Joseph",545,188,293]

function findWordLetterNumberInArray(letter){

let count=0;

for (let lc of letter){

if (typeof lc=="object"){

count+=findWordLetterNumberInArray(lc);

}

else if(typeof lc=="string"){

console.log(lc+" - "+lc.length)

}

}

}

findWordLetterNumberInArray(Example)\*/

//7)Massivdəki sözləri tərsinə yazın

/\*let Example=[678,"Freelance",[99,21, [99,12,456,["Simon","Holly"],78,34],45,67],45,67,89,"Raymond",23,true,"Michael", "Joseph",545,188,293]

function findOppositeWord(opp){

for (let w of opp){

let sum="";

if(typeof w=="object"){

sum+=findOppositeWord(w);

}else if(typeof w=="string"){

for (let m=w.length-1; 0<=m; m--){

sum+=w[m];

}

console.log(w+"<-->"+sum);

}

}

}

findOppositeWord(Example)\*/

//8)Massivdəki sözlərin hər birində iştirak edən saitləri tapın

/\*let Example=[678,"Freelance",[99,21, [99,12,456,["Simon","Holly"],78,34],45,67],45,67,89,"Raymond",23,true,"Michael", "Joseph",545,188,293]

function findOppositeWord(opp){

let allVowel=["E","e","U","u","İ","i","O","o","A","a"];

for (let w of opp){

let sum="";

if(typeof w=="object"){

sum+=findOppositeWord(w);

}else if(typeof w=="string"){

for (let h of w){

for (let s of allVowel){

if (s==h){

sum+=s;

}

}

}

console.log(w+"<-->"+sum);

}

}

}

findOppositeWord(Example)\*/

//9)Massivdəki bütün böyük hərfləri kiçik, kiçik hərfləri böyük hərflə əvəzləyin

/\*let Example=[678,"Freelance",[99,21, [99,12,456,["Simon","Holly"],78,34],45,67],45,67,89,"Raymond",23,true,"Michael", "Joseph",545,188,293]

function findOppositeWord(opp){

let sum=0;

for (let w of opp){

if(typeof w=="object"){

sum+=findOppositeWord(w);

}else if(typeof w=="string"){

let n=" ";

for (let m of w){

let charCode=m.charCodeAt();

if (97<charCodeAt && charCodeAt<122){

n+=String.fromCharCode(charCode-32);

}

else if(90>charCodeAt && 65<charCodeAt){

n+=String.fromCharCode(charCode+32);

}

}

console.log(n);

}

}

}

findOppositeWord(Example)

\*/