№1

var yourName = prompt("What is your name?");

var name = yourName

var result = name.charAt(0).toUpperCase() +name.charAt(1).toLowerCase() +name.charAt(2).toLowerCase() + name.charAt(3).toUpperCase()+name.toLowerCase(4)

alert("Hello " + result)

№2

function main(){

go();

toLeft();

go();

toRight();

go();

toLeft();

go();

toRight();

go();

putBeeper();

}

function go(){

while(frontIsClear()){

putBeeper();

move();

if(frontIsClear())

{move();}

}

}

function toLeft()

{

putBeeper();

turnLeft();

move();

turnLeft();

move();

}

function toRight()

{

turnRight();

move();

turnRight();

}

№3

function main(){

turnLeft();

go();

turnRight();

go();

turnLeft();

go();

turnRight();

move();

move();

turnRight();

move();

turnRight();

go();

turnLeft();

go();

turnRight();

go();

turnLeft();

go();

turnLeft();

go();

turnRight();

go();

turnLeft();

go();

turnRight();

go();

turnLeft();

go();

turnLeft();

move();

move();

turnLeft();

go();

turnRight();

go();

turnRight();

go();

turnLeft();

go();

}

function go(){

while(frontIsClear()){

move();

}

}

№4

var yourAge =prompt ("Enter your age");

var year=90-yourAge;

x=year\*365;

y=year\*52;

z=year\*12;

if(yourAge>90)

{

alert("error");

}

else{alert("You have " + x + " days, " + y + " weeks, " + " and " + z + " months left.");}

№5

var yourWeight =prompt ("Enter your weight");

var yourHeight =prompt ("Enter your height");

yourHeight = yourHeight/100;

BMI = yourWeight/(yourHeight\*yourHeight);

if(BMI < 18.5)

{

document.write("so you are underweight");

}

else if(BMI < 24.9)

{

document.write("so you are have a normal weight");

}

else

{

document.write("so you are overweight");

}

№6

var year =prompt ("Enter the year");

if(year==2022)

{

alert=("this is a current year");

}

else if(year % 4 == 0)

{

if(year%100==0)

{

if(year%400==0)

{

alert=("year is leap ");

}

else

{

alert=(" year is not leap");

}

}

else

{

alert=(" year is leap");

}

}

else

{

alert=(" year is not leap");

}

№7

var myList = ["Aidana", "Bekbolat", "Sayat", "Kasym", "Diana"];

alert(myList[Math.floor(Math.random() \* 5)]);

№8

var n = prompt("Pls, write number: ");

var fib = new Array ();

fib[0] = 0;

if(n>1){fib[1] = 1;}

for ( var i = 2; i <= n; i++ ) {

fib[i] = fib[i-1] + fib[i-2];

}

alert(fib);