// Gaurang Shukla

// Bennett University

// Day3

var firstName = "Gaurang";

var lastName = "Shukla";

var country = "India";

var city = "Noida";

var age = 22;

var isMarried = false;

console.log(typeof firstName);

console.log(typeof lastName);

console.log(typeof country);

console.log(typeof city);

console.log(typeof age);

console.log(typeof isMarried);

console.log(typeof '10' == typeof 10);

console.log(parseInt('9.8') == 10);

console.log(true &&(4>3));

console.log(true &&(4>=3));

console.log(false ^ (4<3));

console.log(true &&(4==4));

console.log(true &&(4===4));

console.log(false ^ (4!=4));

console.log(false ^ (4!==4));

console.log(false ^ (4!='4'));

console.log(true &&(4=='4'));

console.log(false ^ (4==='4'));

console.log(new Date().getFullYear());

console.log(new Date().getMonth()); //Jan is 0 and Dec is 11

console.log(new Date().getDate()+"/"+(new Date().getMonth()+1)+"/"+new Date().getFullYear());

console.log(new Date().getDate());

console.log(new Date().getHours());

console.log(new Date().getMinutes());

console.log(Date.now());

var b = parseFloat(prompt("Enter Base: ",""));

var h = parseFloat(prompt("Enter Height: ",""));

console.log("Area of triangle: "+0.5\*b\*h);

var a = parseFloat(prompt("Enter Side a: ",""));

var b = parseFloat(prompt("Enter Side b: ",""));

var c = parseFloat(prompt("Enter Side c: ",""));

console.log("Perimeter of triangle: "+a+b+c);

var l = parseFloat(prompt("Enter Length: ",""));

var w = parseFloat(prompt("Enter Width: ",""));

console.log("Perimeter of Rectangle: "+2\*(l+w));

var r = parseFloat(prompt("Enter Radius: ",""));

console.log("Perimeter of Circle: "+2\*3.14\*r);

console.log("Area of Circle: "+3.14\*r\*r);

console.log((10-2)/(6-2));

var h = parseFloat(prompt("Enter hours: ",""));

var r = parseFloat(prompt("Enter rate per hour: ",""));

console.log("Your weekly earning: "+h\*r);

if((firstName.length)>7){

console.log("Long Name");

}else{

console.log("Short Name");

}

var firstName = 'Asabeneh'

var lastName = 'Yetayeh'

if(firstName.length > lastName.length){

console.log("Your first name, " + firstName + " is longer than your family name, Yetayeh")

}

let myAge = 250

let yourAge = 25

console.log("I am "+(myAge-yourAge)+" older than you");

myAge = parseFloat(prompt("Enter Birth Year: "));

var diff = new Date().getFullYear() - myAge;

if(diff>=18){

console.log("You are " + diff+". You are old enough to drive");

}else{

console.log("You are " + diff+". You will be allowed to drive after"+ (18 - diff)+" years.");

}

myAge = parseFloat(prompt("Enter Birth Year: "));

var diff = new Date().getFullYear() - myAge;

if(diff>=18){

console.log("You are " + diff+". You are old enough to drive");

}else{

console.log("You are " + diff+". You will be allowed to drive after"+ (18 - diff)+" years.");

}

var years = parseFloat(prompt("Enter the numbers of years you want to live: "));

console.log("You lived "+years\*365.25\*24\*60\*60+" seconds");

var date = new Date();

console.log(date.getFullYear()+"-"+(date.getMonth()+1)+"-"+date.getDate()+" "+date.getHours()+":"+date.getMinutes());

console.log(date.getDate()+"-"+(date.getMonth()+1)+"-"+date.getFullYear()+" "+date.getHours()+":"+date.getMinutes());

console.log(date.getDate()+"/"+(date.getMonth()+1)+"/"+date.getFullYear()+" "+date.getHours()+":"+date.getMinutes());

String

string

string

string

number

boolean

false

false

true

true

0

true

true

0

0

0

true

0

2022

4

28/5/2022

28

0

54

1653679464974

Area of triangle: 100

Perimeter of triangle: 543

Perimeter of Rectangle: 14

Perimeter of Circle: 18.84

Area of Circle: 28.259999999999998

2

Your weekly earning: 1120

Short Name

Your first name, Asabeneh is longer than your family name, Yetayeh

I am 225 older than you

You are 27. You are old enough to drive

You are 17. You will be allowed to drive after1 years.

You lived 3155760000 seconds

2022-5-28 0:55

28-5-2022 0:55

28/5/2022 0:55