1) What are the primitive data type in Janasuipt? I) What are the primitive data type in Javascript?

It lavascript primitive data type am data type that

refer to a single vame.

New to a single vame.

New to an object mainly includes Number, string, Bootest, undefined to and unique property bell to an object were well to an object were well to 2) Explain the difference bower New and undefined in Javascript.

- Landefined muans a Maniable & Null is an awign men walm.

- undefined muans a Maniable & Null is an awign men walm.

- the original but has the care of no value.

- the original a value. that but outsigned a realure as a representation of yet not been assigned a realure. It is a Primitive Value in 15. \* it does not have any syntax \* its syntax is -: # It does not have any syntax to new have any con axign undifficed to any contable but we do not any contable but we do not any contable but me do not a global property do that. do that. global propulying a constitution of a 3) How do you thick the data type of a variable in browsump typic operator to find the data sype of a Janascript ramaph.

Nam Land (10 ph) = 6 Inmark "String" H) Explain the concept of truthy and fairly value in laractines ( ) the yourable value is fair. The empty, null, unaffined ( ) the fatry and the wood within the unaffined ( ) the voriable value is anything ell, if he voriable not true a non-empty quing our as number an object, in truthy and or cool in arch as number an object, in the world is anything and or cool in any or anything and or cool in the original of the proof of the p in the second Ach Phase Limber Links

5) What is the difference between == and === opinators in lara sourpt, and how do they ruck to data kepa? when it come to data kibr.

The javascript, the '==' and ===' operations are differently when it come to data kibr. == ( Equality Operator) \* This operator performs type \* This operator, does not perform courcion, meaning it continue type burands to the same type opulande to the before making comparison. \* It checks both the traduc & the \* This can used to unexpected inix can uad to uninputed data type of the operands, is different data type of the operands, in the many be considered, equal for the companion to be the after conversion. + For example, "5"==5 would + 11 the type are defining waters to 'hure' because attempting to convoid the sking "5" is writed to a number before companion value.

to a number before companion value.

to a number before companion to convoid the specific consolictor ("5"===5) I fall to consolictor ("5"===5) II fall to consolictor ("5"====5) II fall to consolic 6) How do you convert grund to a number using the convert of smany to a number using without: · pour Int() - Le convert a suring to an integur. · paru Fload () 4 contrar a grung to a froating - point no. Y you num: powerfut (sm); way +1 Opulaton: parue Float ("123.45");

wy +1 Opulaton:

\*\* You SH = "H56"; A non une +2h;

A non une +2h;

And one therefore = Number () constructo: NOW 3M = "789"; vou num = Number (ser);

```
operator in javaners.
     = le Prifix inversent operator (++x):

* The vicine of 'x' is inversable helper in current
value ix used in the expression.
              * The new value of 12 1/2 returned after the incument
              eaction.

Champu ut 7 = 7;

Champu ut 7 = ++1;

11 Now, 2 is 8 4 4 18 8.
       opulation.
             to the lowerent operator (1+4); the current value of "";

the take of this operator if it insurrence.

the insurrentation before after the current value in

the the insurrentation thappens after the current value in

the the insurrentation thappens after the current value in

the the insurrentation thappens after the current value in

the the current value of "";
     = le Postfil inversent opérator (7+4):
                * The oreignal . Name of 7,118 10 minest befor me
       und.
                                        wy= ttrul Now, xix T 6 4 is 8.
            invenent operation.
W y= # ++ 11 Now, 1 1811 6 y 188.

8) How don Javasuipt trande New (Not a Number)

rature and town lan you check if a value is Nan?

Na N is a Special value represented the region of an anomalian and transfer a number but are enot.

operation.
    operation.

Jo chick 'la ream is Nan', we can use me 'is Nanco'

turnion. Il not only the ream is not a really to actual

chicks if the ream is not number, or will at for actual

for value. That are not number, or
    chicks if the reall is not number, or will at for action wall in Nand Nan. Will my Num = 10/17442'; 11 this result in Nand Oceample; Let my Num = 10/17442'; 11 this will look the
    Grampu: Log CisNan (my Num); 11 This will log from!
         To specifically check if a value is Nan' and, not some other non-number, we can use 'Number is Nan 1)?

Grample w my Num = 10 / 247?;
                               w my Num = 10 / 'x47";
                      consou. log (Number, is Nan (my Num)); 11 rowers run
   Crampu
                                 ut anotherNum: "hello";
                                  consou. log [Numby. ix Nan (or point Num); 11, returns
                                                                          1) with him way feel
```

a) Ciplan in courts of who was an in the Shampur.

The process of consuming values from one data type to another, either impurable of expercion intention ally consume the operators.

The process of consuming values from one data type to another using function. Therefore ally consumers.

The occurrence when a developer function of operators.

The occurrence when a data type to another using function.

The process of consuming values from one data type to another using function.

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The occurrence when a data type to another using function. =4 Gypuait Type coercion: var skung Number = " 42" var numbr = Numbr (shung Numbr); Canal to the Man to consou log (numbr).

\*\* Numbr to exing

var num: 123; Jhi oum when 15 amomatically convert value for This occur when Is automation.

one type to another always (what operation).

trample: was num = 5

van right = num + 8h

van right = num + 8h

contail. log (resul): 11 0/p:510" = 1mpucil Type Coursion = non hors; han; hos; " (10/b: 20); course rod cham)! 110|b: e

course rod cham)! 110|b: e

course rod champs and marker rame of anything and marker rame of anything and marker rame of anything anything and marker rame of anything anythi consol. (ad (white and); (which arighes) orthing ivercen men a remarker the const many non money to which intension has a maniary that we wreather many to meavine for many to many post intensions intensions. harves year inhanger.

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How do yo was and up templas where Covering interpolate
    that allows for early string interpolation and multiund string in 1s. They are occupied using backticks (, ,).

Strings in 1s. They are occupied using backticks (, ,).
  interpolation in 15?
             constitute Name : John'
              const last Name = 'Doe'
             const fullame = $ { fire 1 Namely & lhast Name);
   consou. log (full Marin);
                                                        1.11.11.1 ( . 1.
     Quing inupolation:
               const sun = shumber shum 2 y equal of Lexinum 14+8 (num)
               const nunza 7
                const sun = thurst son equal 15.
                                  J. D. William
     Moutiline Summer?
             Hoisting is a behaviour in Javasuript when vouvabu
    and funt declarisms are moved to the top of their containing super during the compilation phase.
12) Whal
          =4 comon 100 cr); 11 olp: matino
              war 7 = 5;
              comou lóger) // 0/P:5
                       www.log ("hub, whow!");
           _a soughich;
               function say Hi () (
          unuite var with undefine. Accurring he before
             declarione rulle in a refunction
               comou. roa (4);
                  w y=20;
                consol. 109 (sayli);
                 ren gayli: function () (
                             cornor. 109 ("Hi!");
           immediaty invoked Function Expression. It is a so
   mediaty involve affining a invoking a musion affinish of function
 13) What is HEE?
    function
        cfunction (a, b) (
                  var rould = (a +th)
                    consovitos craw);
                   प्र एक्ष्मी
```

14) what is much by Default parameter parting. Default paramete parting refuse to the ability to assign objects when we have a function, so that I a walle is not provided when a function that I a walle is not provided when a function that I alway in a function. Mhad is obland remain value in Janaguaph a remain as the remain plumon doesn't have as a remain plumon, and it, then the remain value is an adjunct or the remain value is an adjunct of the remains the remains a part of How to parameter entron albus a funcion to a funcion to the rest parameter entron albus a array, and array of an inautivity are of an array, 16) How ucupt an indefinite on of any the Arge) & way was all the same workers Mode water money Le mili on the standard of the Property of the Party of The transfer of the second of Mary Mary Mary Company remain april 1