

①

user say  $H_i()$

say  $H_1()$

1) This -

`obj = {`  
`name: "John",`  
`age: 20`  
`}`

`sayHi()`

- 1) create obj (`{user: name}`) ✓
- 2) compile obj (`this.age`) ✓

3)

`this → window (globally)`

The diagram illustrates how JavaScript resolves the value of `this`. It shows a function call `vser.sayHi()` where `vser` is the object containing `sayHi()`. An arrow points from `sayHi()` to a box labeled `this`, which then points to another box containing `{age: 3}`. This indicates that `this` refers to the object passed as an argument.

[illegible]

Hand-drawn diagram illustrating the relationship between a class, its constructor, a function, and a method:

- Class:** A box containing a constructor (circled) and a method.
- Function:** A box containing f and method.
- Method:** A box containing r and method.
- Relationships:**
  - An arrow points from the constructor in the Class box to the function box.
  - A double-headed arrow connects the function box and the method box.
  - A crossed-out arrow points from the Class box to a crossed-out Method box.
- Additional Note:** A box shows a method signature: 0.1 method 100.1.