

- ☐ Variables in JavaScript
storing data for later use.
- ☐ byte-wise addressing
- ☐ Named variables correspond to memory locations
and these name-value pairs are stored in a symbol table.
A symbol table is a dictionary of sorts consisting of
at least two columns:
The Symbol The Value of the Symbol
- ☐ Consider string concatenation using the overload operator '+'.
`s = 'dip' + 'thong'`
`print(s); // prints 'dipthong'`

Now what would be the meaning of minus '-'?

It could remove instances of a string:

```
s = 'hello world' - 'world'
```

```
print(s); // prints 'hello'
```

It could unconcatenate things:

```
s = 'hello world' - 'world'
```

```
print(s); // prints 'hello ' - note the trailing space.
```

- ☐ JavaScript is a 'weakly typed' language.
Does TypeScript return strong typing to Java?
TypeScript compiles into Java.
- ☐ There is a 'symbol' datatype in JavaScript,
which generates a symbol guaranteed to be unique;
Its actual value isn't typically used, rather,
it is used for unique property keys in things like
enumerations {GREEN, YELLOW, RED} and so forth.