Subject: More about legal operations  
Posted by nebrinda on Mon, 05 Sep 2016 06:57:26 GMT

I have a few questions about legal operations.

would the following be considered a legal operations:

```
var x = 3 ;
"2" ^ x ;
```

if so, should we just be able to handle all possible combinations of variables, single quoted strings, and numbers with the exception being double quoted strings?

Subject: Re: More about legal operations  
Posted by lusth on Mon, 05 Sep 2016 13:23:59 GMT

I don't know what you mean by "single quoted strings". Is x in your example to be a number? I think a reasonable answer, within the context of exponentiation (and other mathematical operations), is yes. So, yes, you should handle those situations. For strings combined with strings, only addition needs to be supported.

Subject: Re: More about legal operations  
Posted by BentHam on Thu, 08 Sep 2016 00:34:26 GMT

I know you touched on this in Tuesday's class, but to be clear, the only valid operation between two strings is concatenation for the '+' operator? -*/&^ all are invalid operations?

Also, should the "types" of variables be preserved in assignment operations? i.e. If var num is declared and initialized to the value 4, can it be reassigned to 4.0? Or "four"?

Subject: Re: More about legal operations  
Posted by lusth on Thu, 08 Sep 2016 11:02:36 GMT

Strings can be combined with strings only with addition. Types of variables may change.