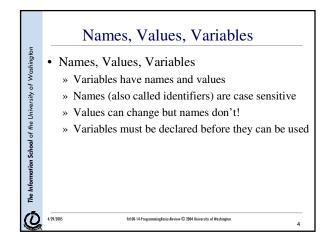
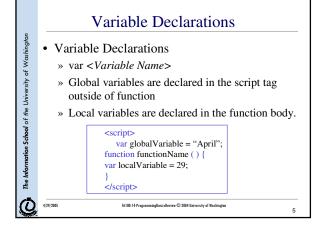
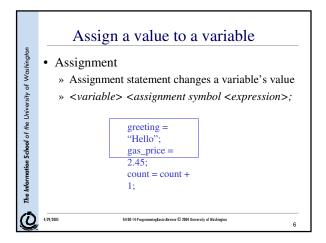


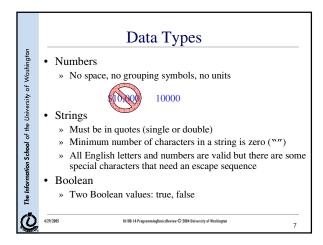
Basic Concepts Names, Values, Variables Variable Declarations Assignment Data types Expressions Functions GUIs If/else statements For loop

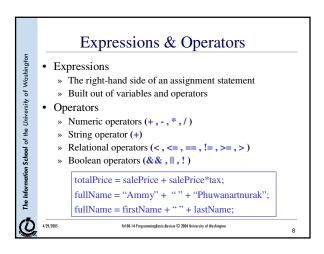






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```
Functions

• Template

Function <function name> (<parameter list>) {
            < statement>
            }

• Functions do not have to have parameters but we still need the parentheses

• Function definitions in <head></head>, and Function calls in <body></body>.

• Function body is in {
}
```

```
Graphical User Interfaces (GUIs)

• We can use JavaScript to create GUI.

• GUIs provide an intuitive way to control a program.

• Layout of the GUIs

» Forms <form> </form>

» Input controls

• Button

«input type=button value="label" on Click="JS text">

• Text Box

«input type=text name="identifier" on Change="JS text">

• Radio

«input type=radio name="identifier" on Click="JS text">

• Radio

«input type=radio name="identifier" on Click="JS text">

• Radio
```

```
The if / else statement

The if statement is a conditional statement

* a conditional expression is evaluated as being true or false

if (<boolean expression>) {
    if (amount<10) {
        price = amount*2.5;
        } else {
            price = amount*1.5;
        }
}

### (**TY/2005**)

The if / else statement

* a conditional expression is evaluated as being true or false

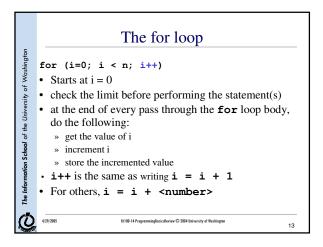
if (amount<10) {
        price = amount*2.5;
        }

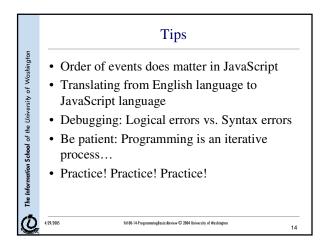
#### (**TY/2005**)

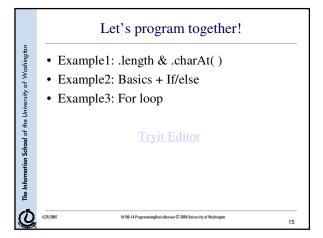
**TY/2005**

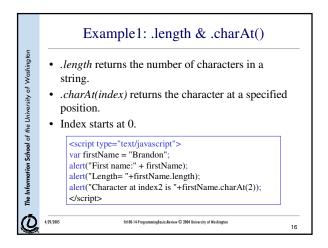
**TY/2005**
```

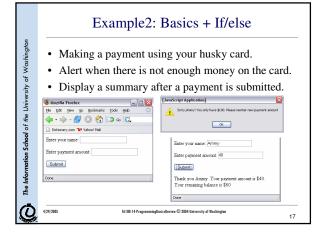
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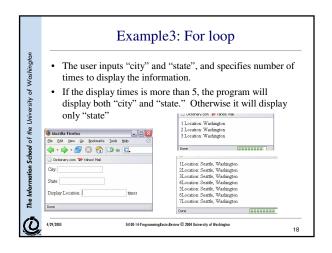












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