

## PSEUDO-CODE FOR JS

Project: This project is used for Real-Estate and financial budgeting purposes. It will help calculate market value, appreciation, monthly profits, and gas cost and much more.

### JS: CALCULATORS

Class: Property # for budgeting Page

- Appreciation % - user input #use document.getelementById().value for all these
- Closing costs % - user input
- Market value - user input
- Cashflow - user input
- Tax - user input
- Insurance - user input
- Repairs – user input

#### Methods

- Capital Gain
  - o Cg is calculated using the above figures
- Profit
  - o Profit is calculated using the above figures

Class: properties #for mortgages and comparatives Page

- List price – user input
- Down payment – user input
- Interest rate – user input
- Number of payments – user input
- Email – user input

#### Methods:

- Monthly mortgage rate calculated using

#Class properties will have another button on the HTML that will display an additional comparative.

```
Function addProperty(value) {
```

```
    # if the value is True and button is clicked, the “additional property” id will be a display “inline-block”
```

HTML:

```
<div class = “data” id=“additional property”>
```

When button onclick is triggered for '2 properties' another object of type Properties will be created. And the css for property2 will display

CSS:

```
.data display = none
```

```
# When triggered through JS display will = "inline-block"
```

JS: ERROR

```
#Constant variable for all inputs
```

```
Const appreciation
```

```
Const closingCosts
```

```
Const cashflow
```

```
.
```

```
.
```

```
.
```

```
Form.addeventlistener()
```

```
#checks to see when the submit button is clicked and then activates the function
```

```
Messages = []
```

```
If the input = "" || the input = NULL then:
```

```
    Messages.push("purchase amount is missing")
```

```
If the appreciation is not a % || is not less than 1 then :
```

```
    Messages.push("appreciation needs to be less than 1")
```

```
#create this function for all inputs
```

```
# for loop through the messages = [], and alert each one.
```

```
Variable = messages.length
```

```
# display the number of errors as well as the error
```

Next JQUERY and GOOGLE API functions will be explained in later Units