

Activity 10

Active Learning Exercises

CSS 341

Code Inspection Activity – CSS 341

This page is to be turned in by inspection team at end of activity.

Rules for development of vbs codes from problem specification

1. Code should solve problem exactly as specified.
2. Input/output should be “user friendly”
3. Code should be efficient and correct
4. Product code should be well documented
5. Programming style should follow convention and be easy to understand, maintain, and extend.

Checkers (team members conducting inspection):

Leader:

Scribe:

Authors (team who produced the code):

Number of “issues” logged:

Checklist derived from Rules:

Rule	Item	CheckList Question
1	a	Is the code implemented as a web-based product?
	b	Are the three input variables requested on the web page by the code?
	c	Are the three output variables presented on the web page?
	d	Is an Excel spread sheet prepared with payment plan details?
2	a	Are all the elements of the web page organized and arranged nicely?
	b	Are action (or event) buttons and check boxes clearly labeled for the user?
	c	Is the spreadsheet opened with a user friendly approach?
	d	Is the spreadsheet saved at the user's desire?
3	a	Are all the code sections active (being used) ?
	b	Are all the loops and conditions necessary (not redundant)?
	c	When appropriate, are all variables initialized?
	d	Is the use of global variables restricted to necessary situations?
	e	Are all variables passed to sub programs appropriately (ByRef or ByVal)?
4	a	Are all significant program step commented clearly?
	b	Are all subprograms commented clearly ?
	c	Are variables sufficiently described by comments?
	d	Are difficulty or obtuse code sections commented sufficiently?
	e	Is the purpose of each module clear to the inspector?
5	a	Are all If-blocks appropriately indented?
	b	Are all repeat structures (Do loops) appropriately indented?
	c	Are all debugging statements turned off?
	d	Do all variables have names that are sufficiently descriptive?
	c	Are constants used where appropriate?
	d	Are all literal numbers represented by constants in programming statements?
	e	Are "major" program actions segregated into individual modules?
	f	Is the program (i.e. submit button) that drives the work simple enough to understand?
	g	Is the html code separate from the vbs code?
h	Is the listing (done by usual editor) easy to use for inspection?	
	i	Are all the sub programs and functions used in the program?
		Additional CheckList Questions

