## Final Project - Solution

Create an HTML document that uses JavaScript to do the following: You need to receive a temperature from the user.  If the temperature is above 85 the program should display a message saying “It’s hot outside!” If the temperature is between 85 and 50 the program should display a message saying “It’s not hot outside!” If the temperature is below 50 the program should display a message saying “It’s cold outside!”

You should include a Word document containing your IPO Table (using Word's tabling features), a flowchart (using Word's drawing tools), and an algorithm for the Project and the project itself. Place the completed program and document in a folder, within your 1305 folder, on your “X” drive, Call the program “Final Project.html.”

**This project will be graded based on the criteria discuss on the grading rubric!**

See the rubric on the following page.

IPO table –Temperature\_Commentary

| Input | Processing | Output |
| --- | --- | --- |
| Prompt for temp | get temp | message |
|  | If temp > 85  then prntScrn “It’s hot outside!”  else  if temp = 85 && <= 50  then prntScrn “It’s not hot!”  else  if temp > 50  then prntScrn “It’s cold outside!” |  |

Algorithm – Temperature\_Commentary

get temp

if temp > 85

prntScrn “It’s hot outside!”

else if temp =85 or <= 50

prntScrn “It’s not hot outside!”

else if temp <= 49

prntScrn “It’s cold outside!”

End

Flow Chart – Temperature\_Commentary

Start

get temp

If temp > 85

“It’s hot outside!”

yes

no

If temp < 85 or > 51

yes

“It’s not hot outside!”

no

yes

If temp < 50

“It’s cold outside!”

no

End