When user clicks a button (either “Fahrenheit\_to\_celsius” or “Celsius\_to\_fahrenheit”),

get value from #temperature and store it in variable userInput

if userInput = 0, return .error-message

Convert userInput to float

on click “F to C”,

subtract 32 from userInput, multiply by 5/9 ((userInput-32)\*.555)

store result in computerOutput

originalMetric = F

newMetric = C

on click “C to F”,

multiply userInput by 9/5, add 32 ((userInput\*1.8)+32)

store result in computerOutput

originalMetric = C

newMetric = F

Print the result in #result

“userInput” + “°” “originalMetric”+ “=computerOutput” “newMetric”

If userInput <= 32 and originalMetric=F

Return dark blue background

If userInput is between 33-50 and originalMetric = F

Return light blue background

If userInput is between 51-70 and originalMetric = F

Return orange background

If userInput is >= 71 and originalMetric = F

Return red background

If userInput <= 0 and originalMetric= C

Return dark blue background

If userInput is between 1-10 and originalMetric = C

Return light blue background

If userInput is between 11-21 and originalMetric = C

Return orange background

If userInput is >= 22 and originalMetric = C

Return red background