```
// Declaring variables
var classGrade;
var desiredGrade;
var examWeight;
var classWeight;
var examGrade;
// Checks if values are missing
function valuesInputted() {
 if(classGrade.length == 0 || desiredGrade.length == 0 || examWeight.length == 0){
  return false;
 }
 else{
  return true;
}
// Checks if values are valid
function valuesValid() {
 if((classGrade >= 0) && (desiredGrade <= 100 && desiredGrade >= 0) && (examWeight >= 0
&& examWeight <= 100)){
  return true;
 else{
  return false;
 }
}
// If all conditions are met, calculates value and displays it
// Also notifies user if values are missing or invalid
function crunchNumbers() {
 if(valuesInputted()){
  if(valuesValid()){
    classWeight = 1 - (examWeight/100);
    examGrade = ((desiredGrade - (classGrade * classWeight)) / examWeight) * 100;
    setText("resultLabel", "You need a " + String(examGrade.toFixed(2)) + "% on your
    exam to acheive your desired grade");
  else{
    setText("resultLabel", "Please enter valid values in the boxes");
  }
 }
 else{
  setText("resultLabel","Please enter values in all the boxes");
// Updates all input variables and calls "crunchNumbers" function when "goButton" is clicked
onEvent("goButton", "click", function() {
 classGrade = getText("classGradeInput");
 desiredGrade = getText("desiredGradeInput");
 examWeight = getText("examWeightInput");
 crunchNumbers();
});
```