/\*\*

\* Tracks cell edits.

\* Look for mismatches on open and after edits.

\* Inserts today’s date and updater's email into cells when cell changes.

\* Compares column B up to next empty cell with column I.

\* For all mismatches, change Column B font.

\* For all matches, revert Column B font back to original.

\* Commented out: Updater Email Address

\* Commented out: Get Hex value of font for row filtering.

\*

\*/

function onOpen(e){

var ssActive = SpreadsheetApp.getActiveSheet();

compareColumns()

//Set Value in cell H1

ss.getRange(1,8).setValue(new Date());

//Set Value in cell H3

//ss.getRange(3, 8).setValue(Session.getActiveUser().getEmail());

}

function onEdit(e){

var ssActive = SpreadsheetApp.getActiveSheet();

var ss = e.range.getSheet();

var onlineEditRange = {

top : 9,

left : 2,

right: 2

};

var thisRow = e.range.getRow();

var thisCol = e.range.getColumn();

var editCell = ssActive.getRange(thisRow, thisCol)

if (thisCol < onlineEditRange.left || thisCol > onlineEditRange.right){

if (thisRow < onlineEditRange.top){

return

} else {

checkEdit()

}

} else {

checkEdit()

}

//Set Value in cell H1

ss.getRange(1,8).setValue(new Date());

//Set Value in cell H3

//ss.getRange(3, 8).setValue(Session.getActiveUser().getEmail());

}

function compareColumns() {

var ssActive = SpreadsheetApp.getActiveSheet();

var values = ssActive.getRange("B9:B"+firstEmptyCell()).getValues();

var compValues = ssActive.getRange("I9:I"+firstEmptyCell()).getValues();

var valCount = values.length;

var updateCell;

for (i=0; i<valCount; i++){

if (values[i].toString() != compValues[i].toString()){

ssActive.getRange("B"+(9+i)).setFontColor("#ffffff").setFontWeight("bold");

}

}

}

function checkEdit(){

var ssActive = SpreadsheetApp.getActiveSheet();

var values = ssActive.getRange("B9:B"+firstEmptyCell()).getValues();

var compValues = ssActive.getRange("I9:I"+firstEmptyCell()).getValues();

var valCount = values.length;

var updateCell;

for (i=0; i<valCount; i++){

if (values[i].toString() == compValues[i].toString()){

ssActive.getRange("B"+(9+i)).setFontColor("#000000").setFontWeight("normal");

ssActive.getRange("B"+(9+i+1))

continue;

}

}

}

function firstEmptyCell () {

var ss = SpreadsheetApp.getActiveSpreadsheet();

var range = ss.getRange("B1:B").getValues();

var BLast = range.filter(String).length;

var empty\_cell = BLast+1;

return empty\_cell;

}

/\*function getHex(input, e) {

var ssActive = SpreadsheetApp.getActiveSheet();

var thisRow = e.range.getRow();

var fontColor = ssActive.getRange(input).getFontColor();

ssActive.getRange(thisRow, 13).setValue(fontColor)

}\*/