**public** ArrayList<Row> searchSheet(String searchText,**int** sheetNumber,**int** functionkeyColumnIndex) {

// This parameter is for appending sheet rows to mergedSheet in the end

Double doubleValue = **null**;

Boolean booleanValue = **null**;

ArrayList<Row> filteredRows = **new** ArrayList<Row>();

//Get double value if searchText is double

**try** {

doubleValue = Double.*parseDouble*(searchText);

} **catch**(Exception e) {

}

//Get boolean value if searchText is boolean

**try** {

booleanValue = Boolean.*parseBoolean*(searchText);

} **catch**(Exception e) {

}

sheet1 = wb.getSheetAt(sheetNumber);

//Cell = sheet1.getRow(row).getCell(column);

// String data = CellToString(Cell);

//Iterate rows

// int j=196;

**for** (**int** j = sheet1.getFirstRowNum(); j <= sheet1.getLastRowNum(); j++) {

//Iterate columns

**int** k=functionkeyColumnIndex;

// for (int k = sheet1.getRow(j).getFirstCellNum(); k < sheet1.getRow(j).getLastCellNum(); k++) {

XSSFCell cell = sheet1.getRow(j).getCell(k);

//Search value based on cell type

**if**(cell!=**null**)

{

**switch** (cell.getCellTypeEnum()) {

**case** ***NUMERIC***:

**if**(doubleValue != **null** && doubleValue.doubleValue() == cell.getNumericCellValue()) {

filteredRows.add(sheet1.getRow(j));

}

**break**;

**case** ***STRING***:

**if**(searchText != **null** && searchText.equals(cell.getStringCellValue())) {

filteredRows.add(sheet1.getRow(j));

}

**break**;

**case** ***BOOLEAN***:

**if**(booleanValue != **null** && booleanValue.booleanValue() == cell.getBooleanCellValue()) {

filteredRows.add(sheet1.getRow(j));

}

**break**;

**default**:

**if**(searchText != **null** && searchText.equals(cell.getStringCellValue())) {

filteredRows.add(sheet1.getRow(j));

}

**break**;

}

}

//}

}

**return** filteredRows;

}