

```
public class XlStudy {  
    // ONE  
    public String readXl() throws IOException {  
        String str = null;  
  
        File f = new File("");  
        FileInputStream stream = new FileInputStream(f);  
        Workbook workbook = new XSSFWorkbook(stream);  
        Sheet sheet = workbook.getSheet("");  
        Row row = sheet.getRow(1);  
        int physicalNumberOfCells = row.getPhysicalNumberOfCells();  
        Cell cell = row.getCell(2);  
        CellType cellType = cell.getCellType();  
  
        switch (cellType) {  
            case STRING:  
                String stringCellValue = cell.getStringCellValue();  
  
                break;  
            case NUMERIC:  
                if (DateUtil.isCellDateFormatted(cell)) {  
                    Date dateCellValue = cell.getDateCellValue();  
                    SimpleDateFormat dateFormat = new SimpleDateFormat("dd-MM-YY");  
                    String format = dateFormat.format(dateCellValue);  
                } else {  
                    double numericCellValue = cell.getNumericCellValue();  
                    BigDecimal bigDecimal = new BigDecimal(numericCellValue);  
                    String string = bigDecimal.toString();  
  
                }  
  
                break;  
            default:  
                break;  
        }  
        return str;  
    }  
}
```

```
// 3
public void writeNewXl() throws IOException {

    Workbook workbook = new XSSFWorkbook();
    Sheet sheet = workbook.getSheet("");
    Row row = sheet.getRow(1);
    Cell cell = row.getCell(1);
    cell.setCellValue("");

    File file = new File("");
    FileOutputStream fileOutputStream = new FileOutputStream(file);
    workbook.write(fileOutputStream);

}
```

```
// 2
public void updateXl() throws IOException {

    File file = new File("");
    FileInputStream stream = new FileInputStream(file);
    Workbook workbook = new XSSFWorkbook();
    Sheet sheet = workbook.getSheet("");
    Row row = sheet.getRow(0);
    Cell cell = row.getCell(2);
    String stringCellValue = cell.getStringCellValue();
    CellType cellType = cell.getCellType();
    if (stringCellValue.equals("")) {
        cell.setCellValue("");
    }
    FileOutputStream outputStream = new FileOutputStream(file);
    workbook.write(outputStream);
}
```

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```
// 4
public void createNewCellAndRow() throws IOException {

    File file = new File("");
    FileInputStream stream = new FileInputStream(file);
    Workbook workbook = new XSSFWorkbook();
    Sheet sheet = workbook.getSheet("");
    Row row = sheet.createRow(5);
    Cell cell = row.createCell(6);
    cell.setCellValue("");
    FileOutputStream fileOutputStream = new FileOutputStream(file);
    workbook.write(fileOutputStream);

}
```

```
// 5
public void createNewCell() throws IOException {
    File file = new File("");
    FileInputStream stream = new FileInputStream(file);
    Workbook workbook = new XSSFWorkbook();
    Sheet sheet = workbook.getSheet("");
    Row row = sheet.getRow(1);
    Cell createCell = row.createCell(9);
    createCell.setCellValue("");
    FileOutputStream fileOutputStream = new FileOutputStream(file);
    workbook.write(fileOutputStream);
}
```