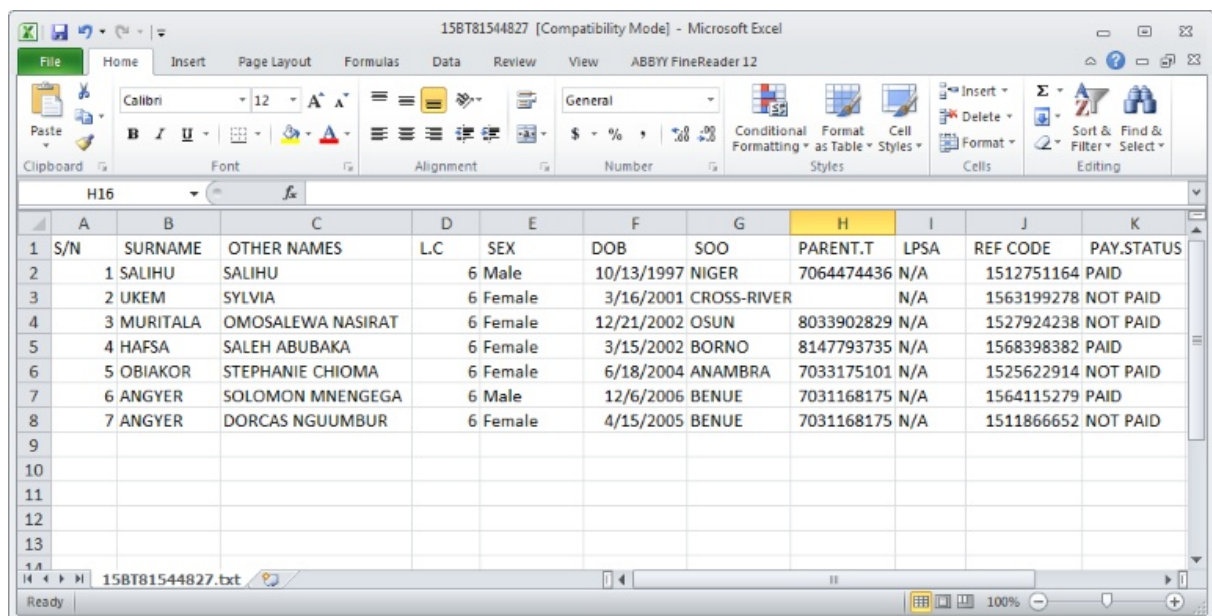


1 How to work inPhoto ID PS with RenameFileByXL

RenameFileByXL is a command-line utility that renames image file using data from the **xls** file.

In this example, we'll connect **RenameFileByXL** to **inPhoto ID PS** and demonstrate its operation.

The xls file is used for this example looks so:



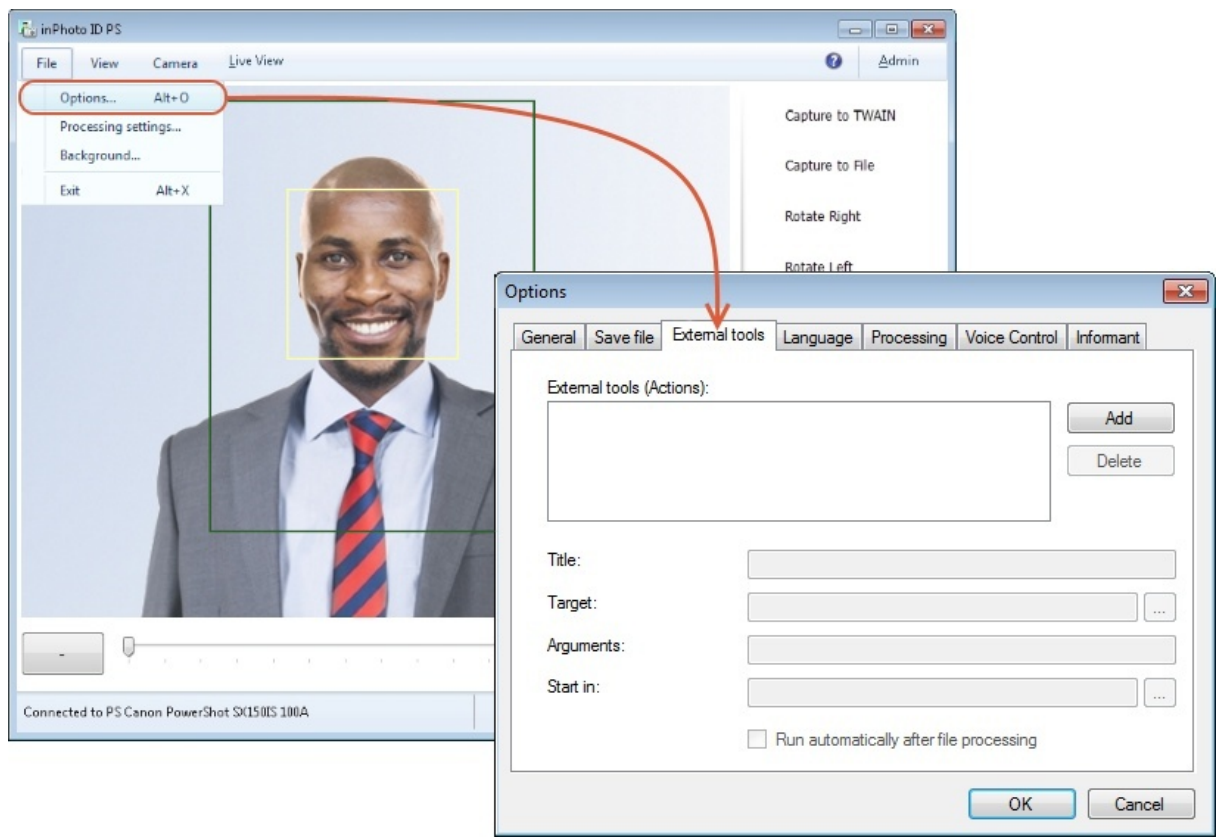
| | A | B | C | D | E | F | G | H | I | J | K |
|----|-----|----------|-------------------|-----|----------|------------|-------------|------------|------|------------|------------|
| 1 | S/N | SURNAME | OTHER NAMES | L.C | SEX | DOB | SOO | PARENT.T | LPSA | REF CODE | PAY.STATUS |
| 2 | 1 | SALIHU | SALIHU | | 6 Male | 10/13/1997 | NIGER | 7064474436 | N/A | 1512751164 | PAID |
| 3 | 2 | UKEM | SYLVIA | | 6 Female | 3/16/2001 | CROSS-RIVER | | N/A | 1563199278 | NOT PAID |
| 4 | 3 | MURITALA | OMOSALEWA NASIRAT | | 6 Female | 12/21/2002 | OSUN | 8033902829 | N/A | 1527924238 | NOT PAID |
| 5 | 4 | HAUSA | SALEH ABUBAKA | | 6 Female | 3/15/2002 | BORNO | 8147793735 | N/A | 1568398382 | PAID |
| 6 | 5 | OBIAKOR | STEPHANIE CHIOMA | | 6 Female | 6/18/2004 | ANAMBRA | 7033175101 | N/A | 1525622914 | NOT PAID |
| 7 | 6 | ANGYER | SOLOMON MNENGEA | | 6 Male | 12/6/2006 | BENUE | 7031168175 | N/A | 1564115279 | PAID |
| 8 | 7 | ANGYER | DORCAS NGUUMBUR | | 6 Female | 4/15/2005 | BENUE | 7031168175 | N/A | 1511866652 | NOT PAID |
| 9 | | | | | | | | | | | |
| 10 | | | | | | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | | | | | | | | | | | |
| 13 | | | | | | | | | | | |

The file contain the tabulated records of students. To rename the image file, we will take values from first column **S/N** - student number. The required record would be searched by the student surname - **SURNAME** column.

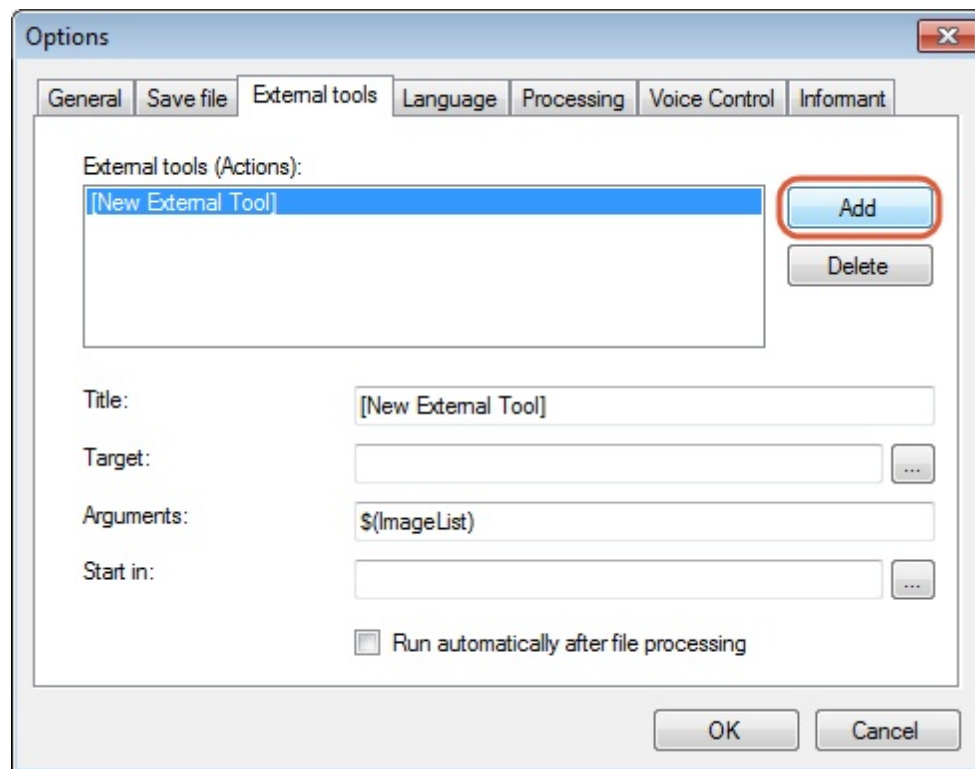
Step 1. Connecting RenameFileByXL to inPhoto ID PS

Start **inPhoto ID PS**.

Open the **File** menu > **Options** > **External tools** tab.

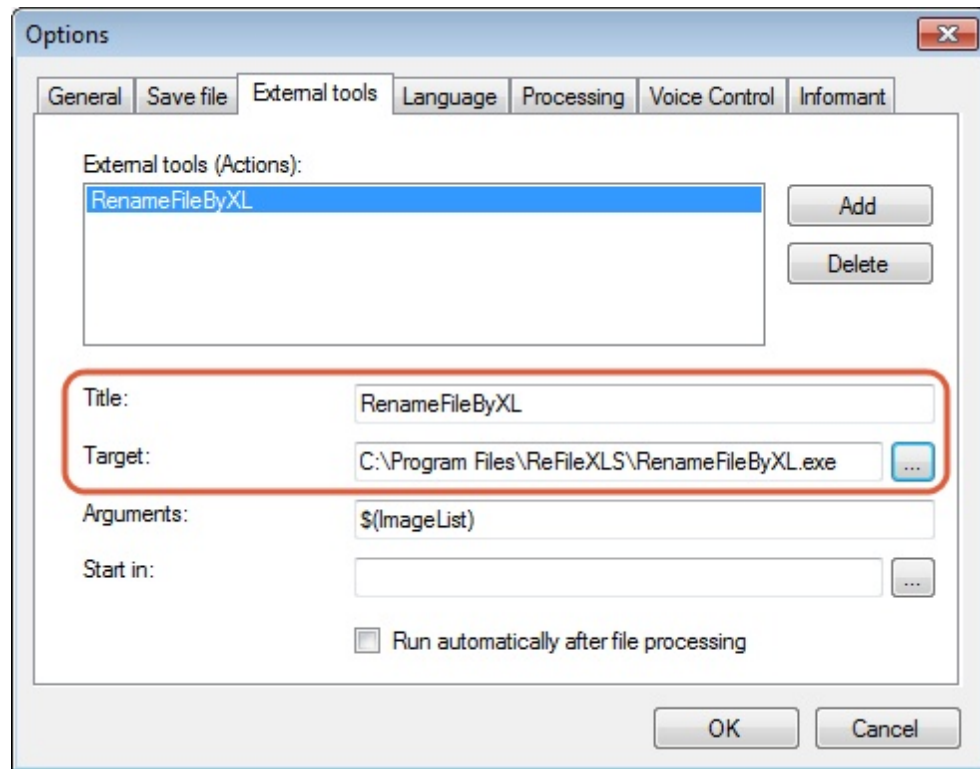


Click the **Add** button. After that, the form will become available.



In the **Title** box enter the application title. The user may choose it at his/her own discretion.

In the **Command** box enter path to the application file **RenameFileByXL.exe**.



In the **Arguments** box enter following command line arguments:

/excelFile - path to the **xls** file. **Required.**

Example: `/excelFile="C:\Program Files\ReFileXLS\XLS files\15BT81544827.xls"`

/imageFile - path to the image file, you want to rename. **Required.**

Example: `/imageFile="D:\Original\image.jpg"`

/visibleColumns - column numbers, which will be displayed in the **RenameFileByXL** window. The column numbers 0, 1, 2, 3... matches A, B, C, D... columns in the **xls** file. **Required.**

Example: `/visibleColumns=0,1,2`

/nameColumn - column number, the values from the column will be used as name for image file. **Required.**

Example: `/nameColumn=0`

/hasHeaderRow - can accept **true** or **false**. If the table from xls file has the title, first row in the table should be excluded from search. **true** - first row of the table is excluded from search. **false** - first row of the table is **not** excluded from search.

By default, **/hasHeaderRow=false**.

In our example, the table contains the title. The title should be excluded from search, therefore we set **/hasHeaderRow=true**.

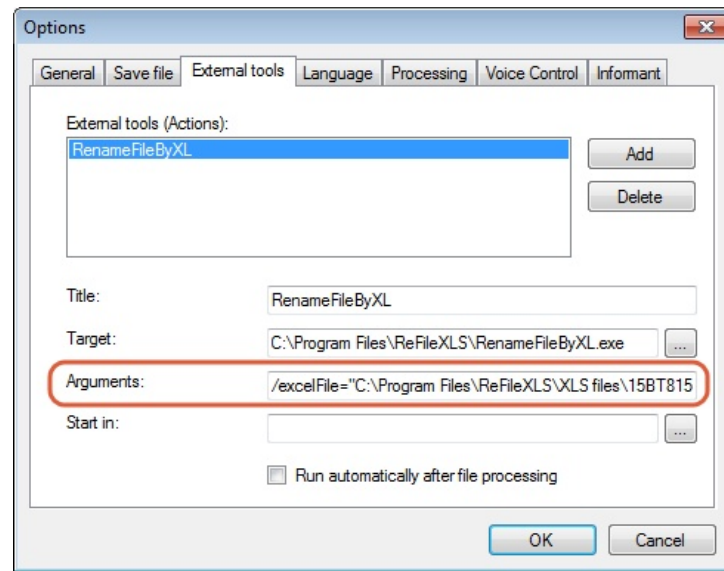
Example: `/hasHeaderRow=true`

/destDir - path to the folder, in which **RenameFileByXL** will save renamed photos. If the folder is not selected **RenameFileByXL** will save renamed photos in the folder that contains the original files. **Optional**.

Example: `/destDir="D:\Result"`

The whole string of command line arguments in our example looks so:

```
/excelFile="C:\Program Files\ReFileXLS\XLS files  
\15BT81544827.xls" /imageFile="D:\Original  
\image.jpg" /visibleColumns=0,1,2 /nameColumn=0 /  
hasHeaderRow=true /destDir="D:\Result"
```

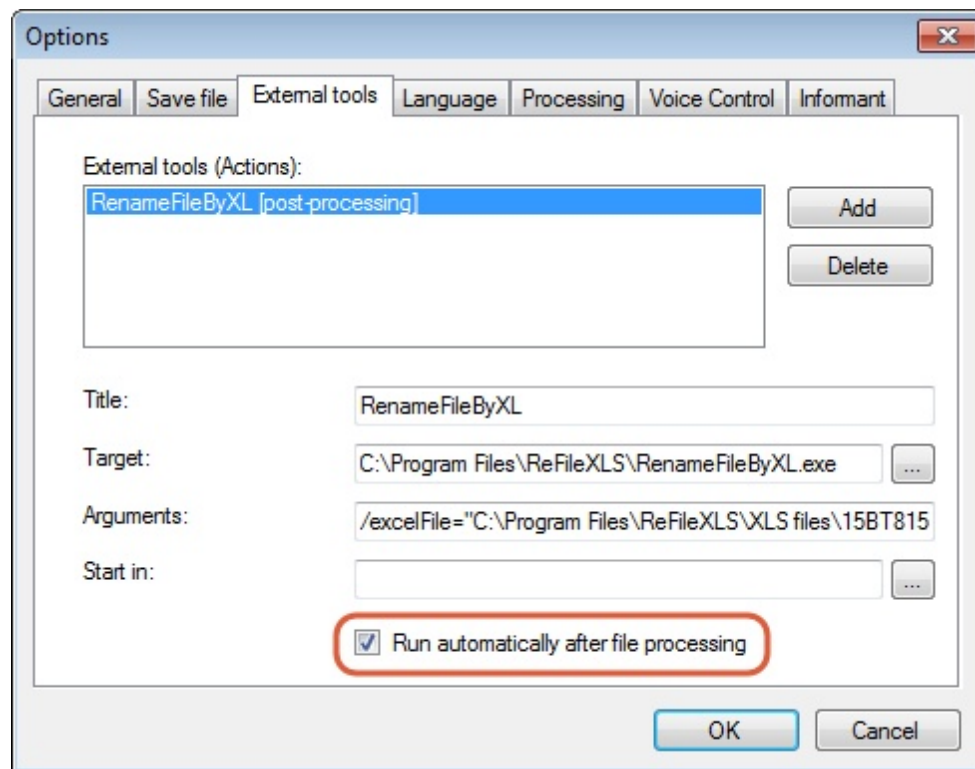


You can not configure settings to save a file and instead use **\$(ImageList)**. By default, this value is located in the **Arguments** box. The **\$(ImageList)** value contains the file name of captured image. So, you can just write **/imageFile=\$(ImageList)** to the external tool get the file name of captured image.

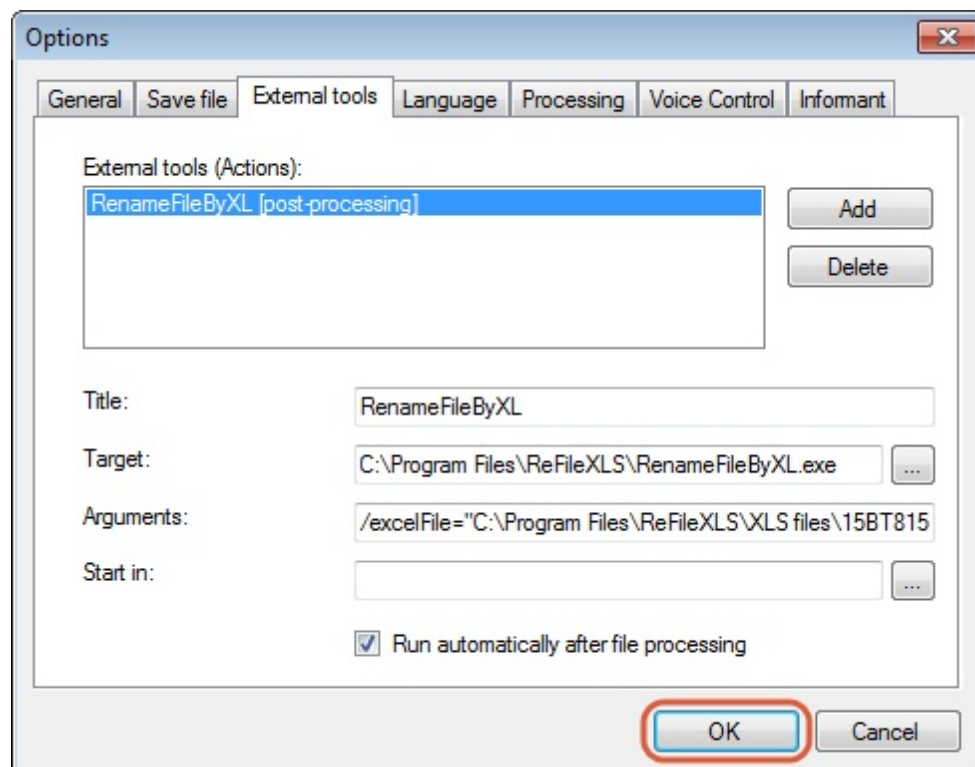
In such case, the whole string of command line arguments in our example looks so:

```
/excelFile=$(ImageList) /imageFile="D:\Original
\image.jpg" /visibleColumns=0,1,2 /nameColumn=0 /
hasHeaderRow=true /destDir="D:\Result"
```

Switch ON the **Run automatically after file processing** setting. If this setting is OFF, **RenameFileByXL** will not start.



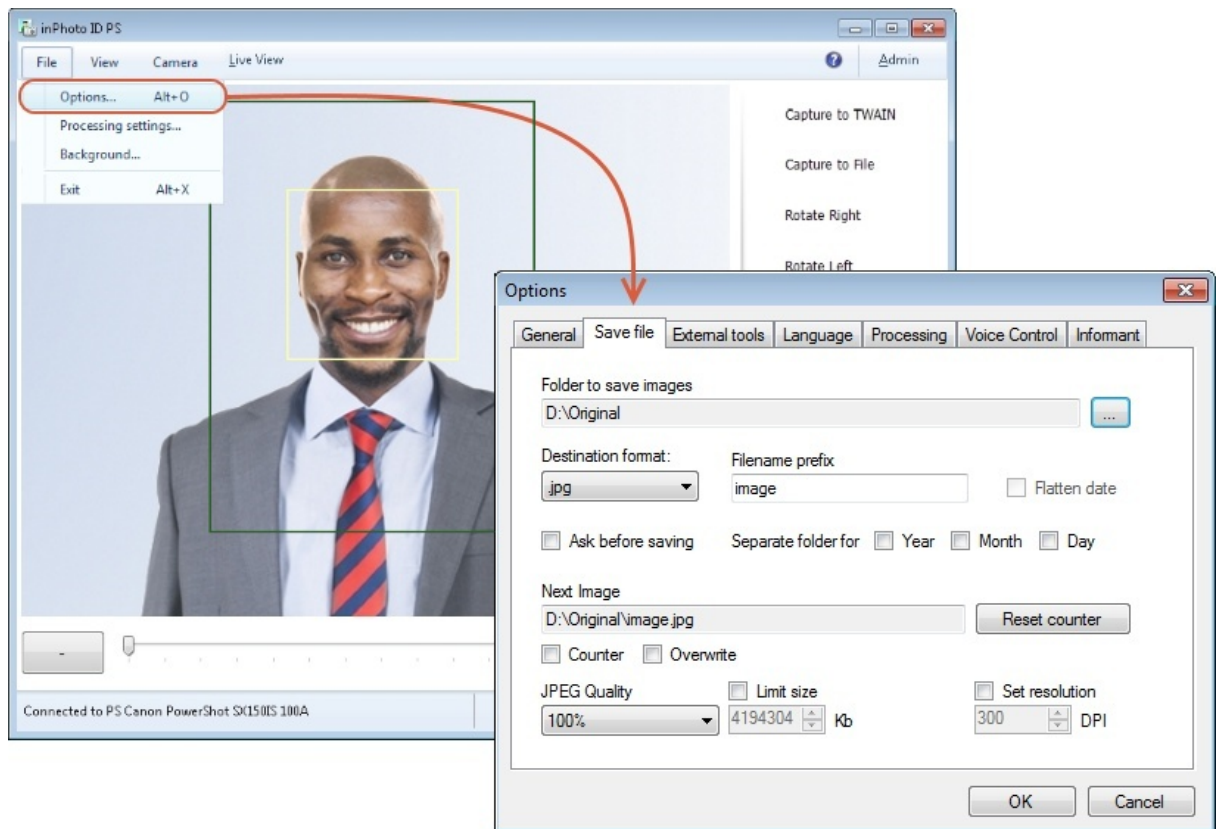
Then, click **OK** button to save the connection settings.



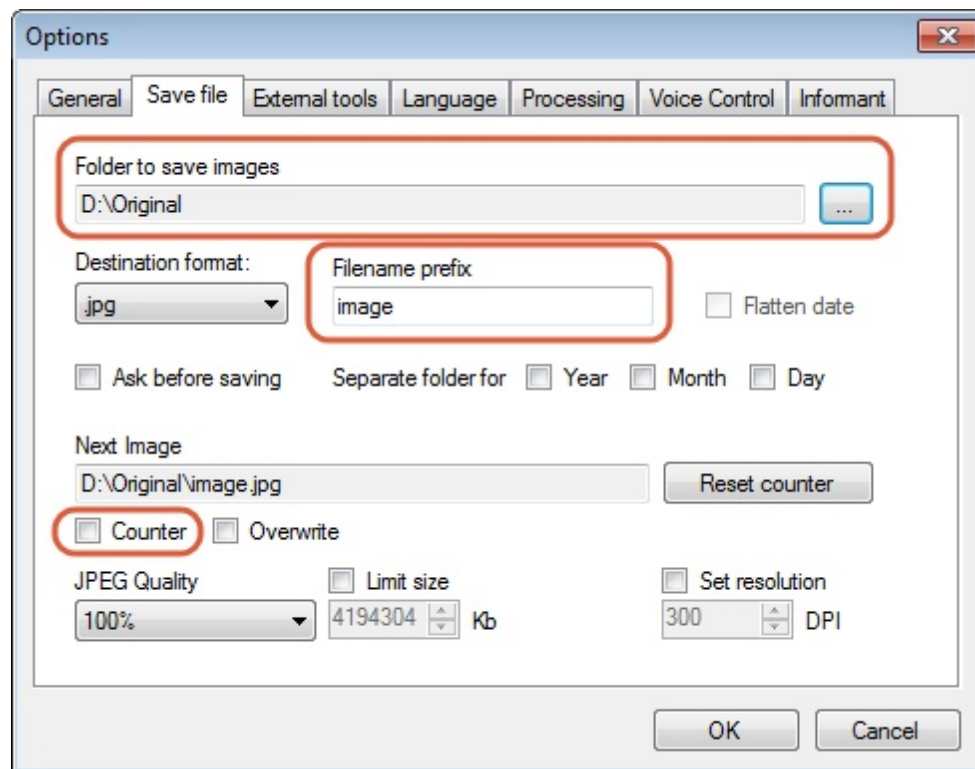
Step 2. Capturing, Processing and Saving of Image

Start **inPhoto ID PS**.

Open the **File** menu > **Options** > the **Save file** tab.

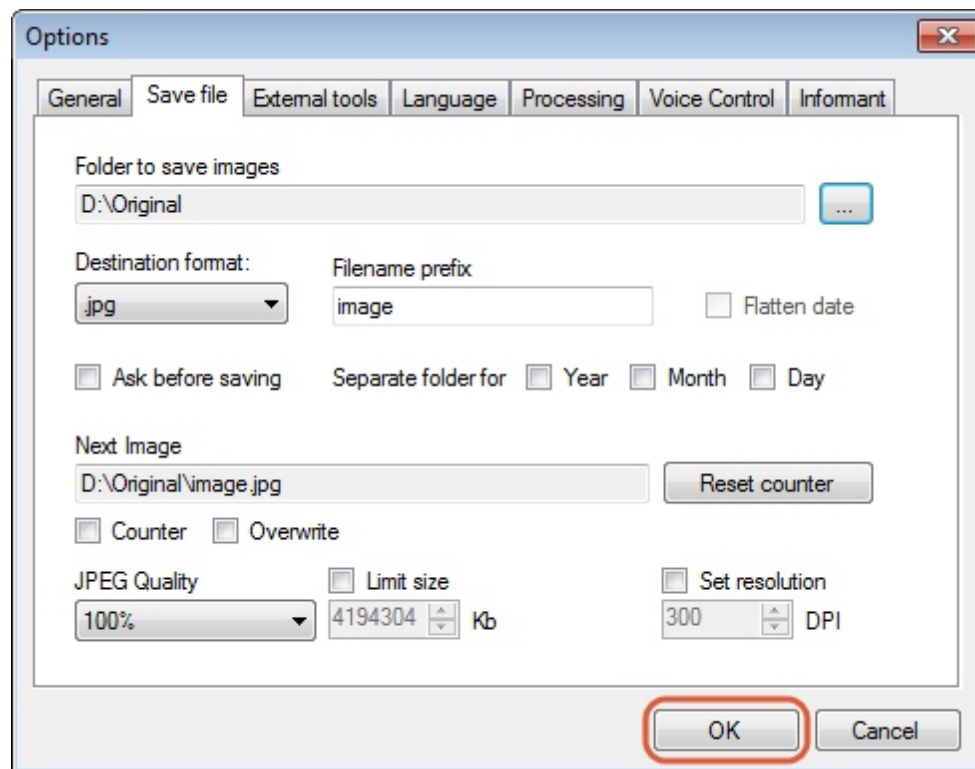


Enter the filename prefix, switch off the counter and select a folder in which the program will save captured and processed image. The filename prefix should match the filename assigned to the **/imageFile** argument. Path to the folder to save images should match the path to the folder assigned to the **/imageFile** argument.

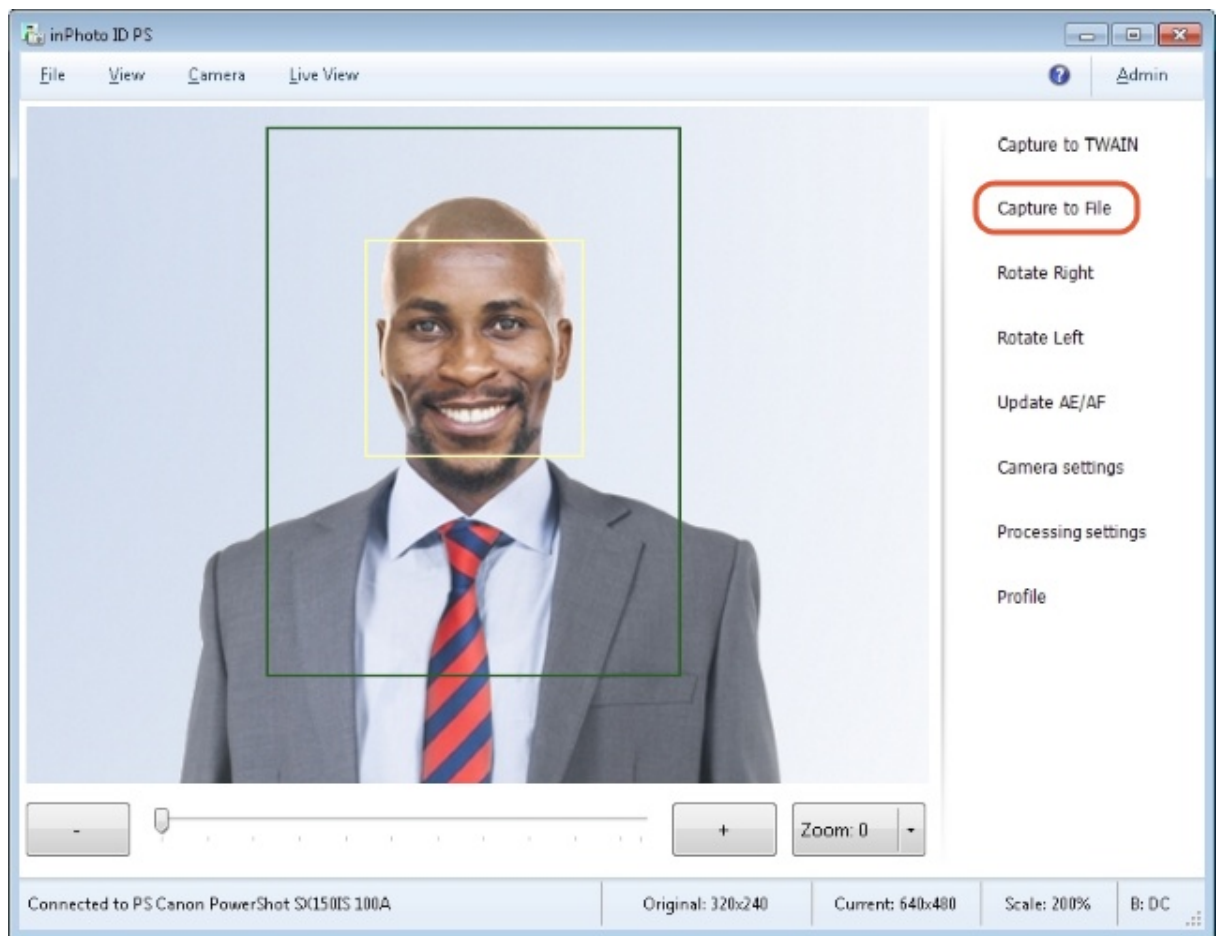


Other **inPhoto ID PS** settings set by default.

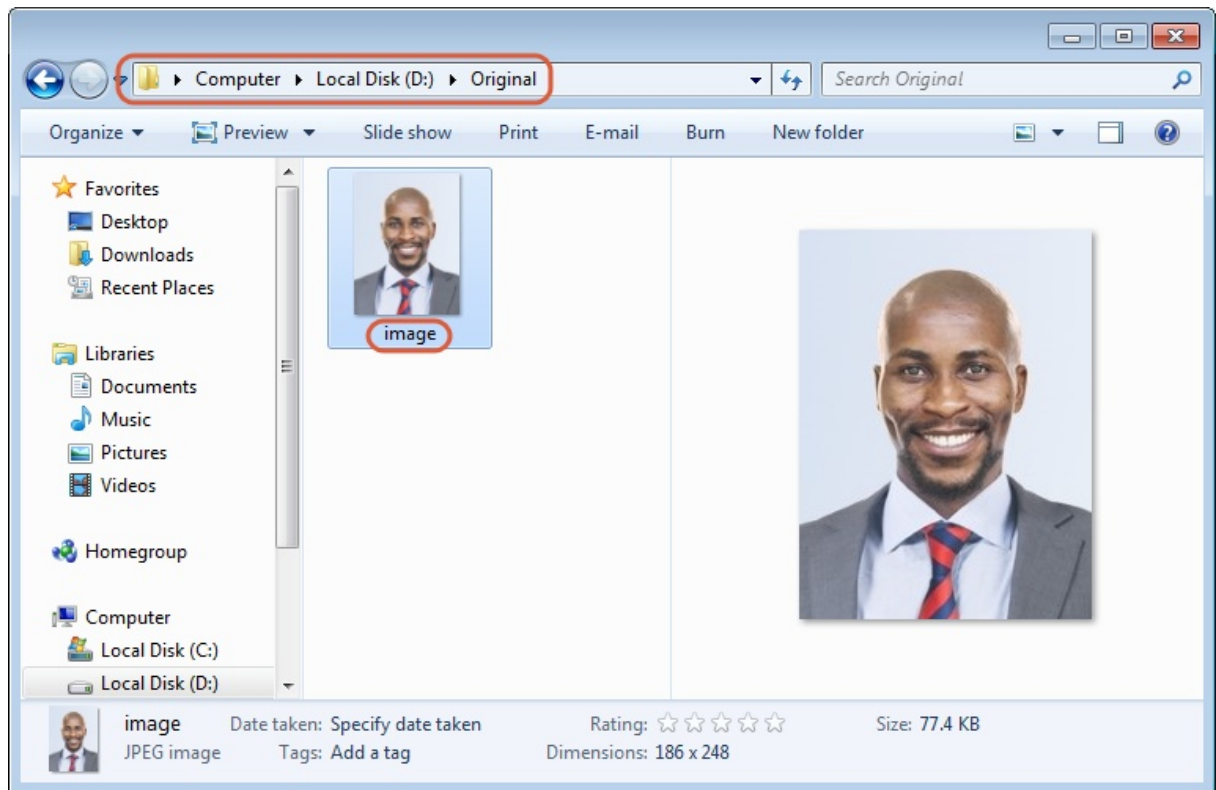
Press the **OK** button.



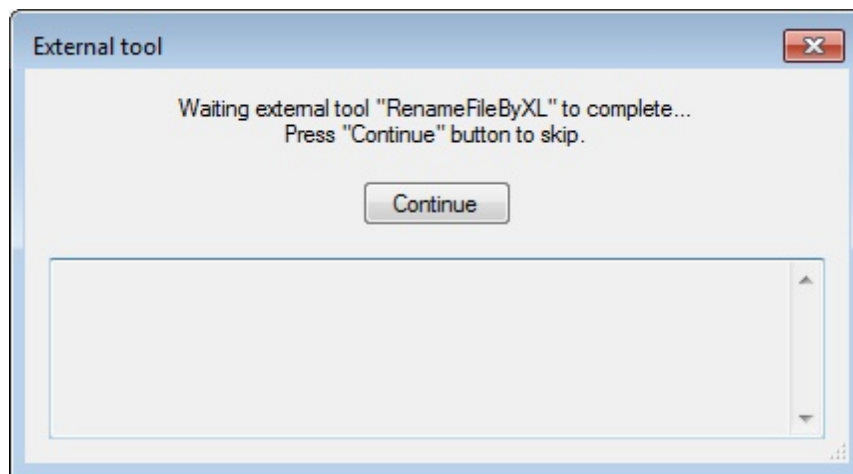
Then, capture image. To do this, click the **Capture to File** button. You can read more details on processing settings in User Guide in the **Processing settings** and **Processing** chapters.

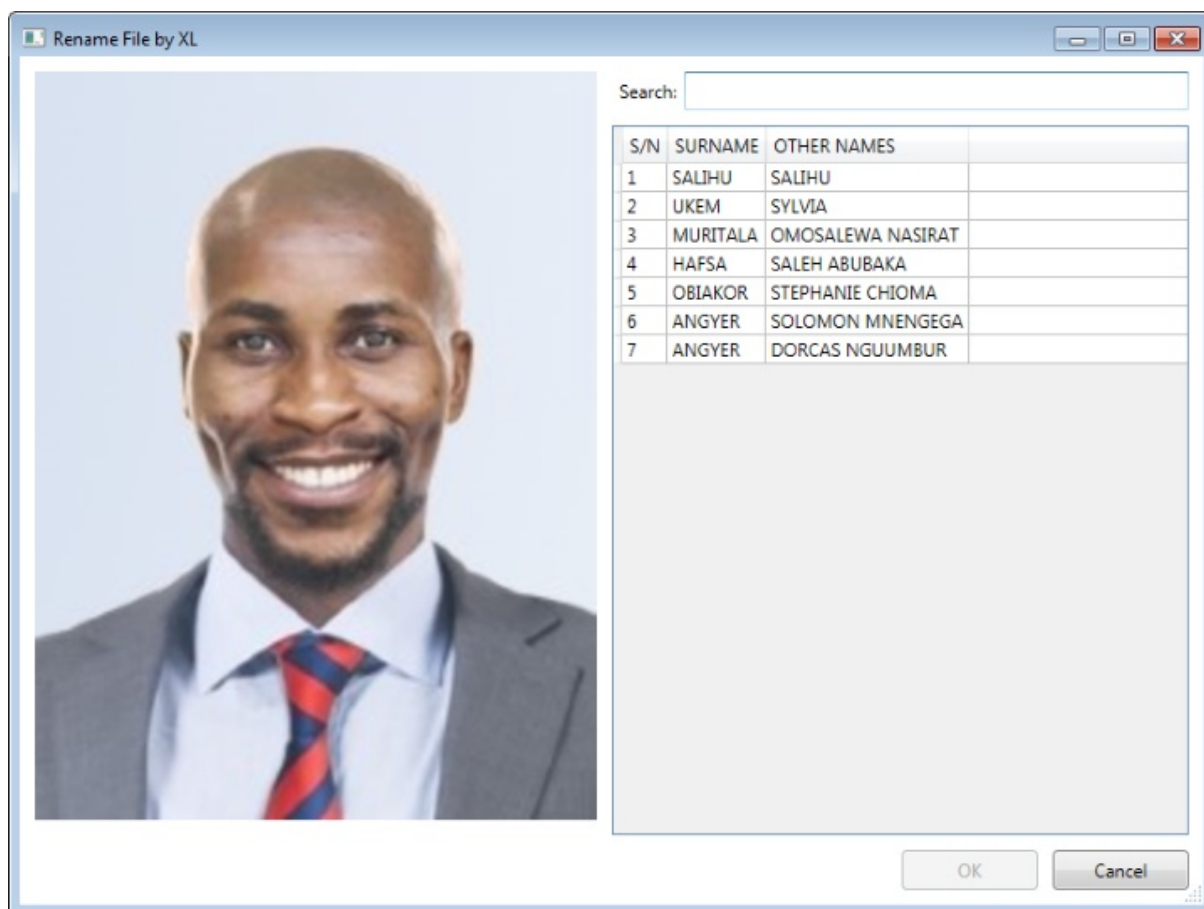


After clicking the **Capture to File** button **RenameFileByXL** will save the processed image to the specified folder.



The **RenameFileByXL** program starts automatically after 1-2 seconds.

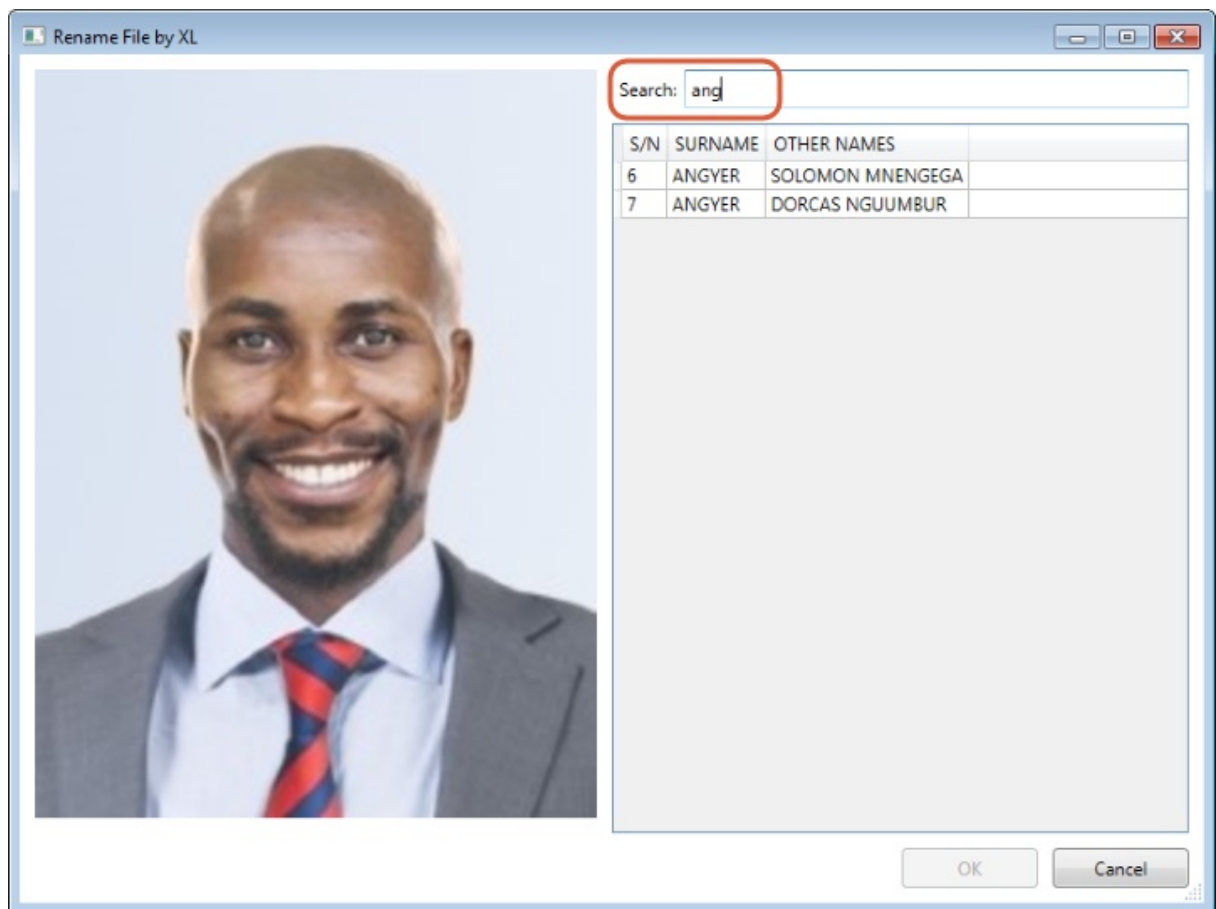




Step 3. File Renaming

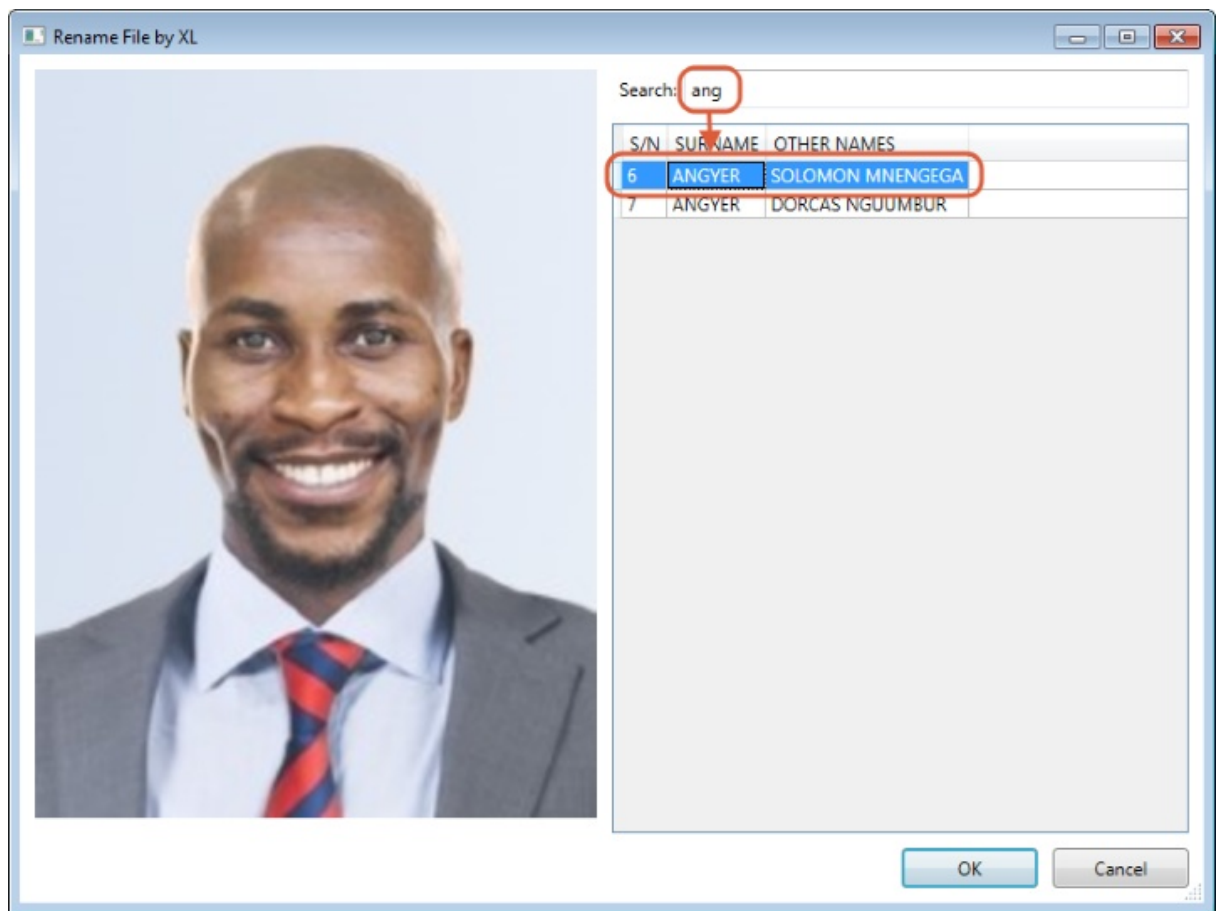
Return to the **RenameFileByXL** window.

After **RenameFileByXL** started the **Search** field has focus. Start typing a surname of the searched student in the field.

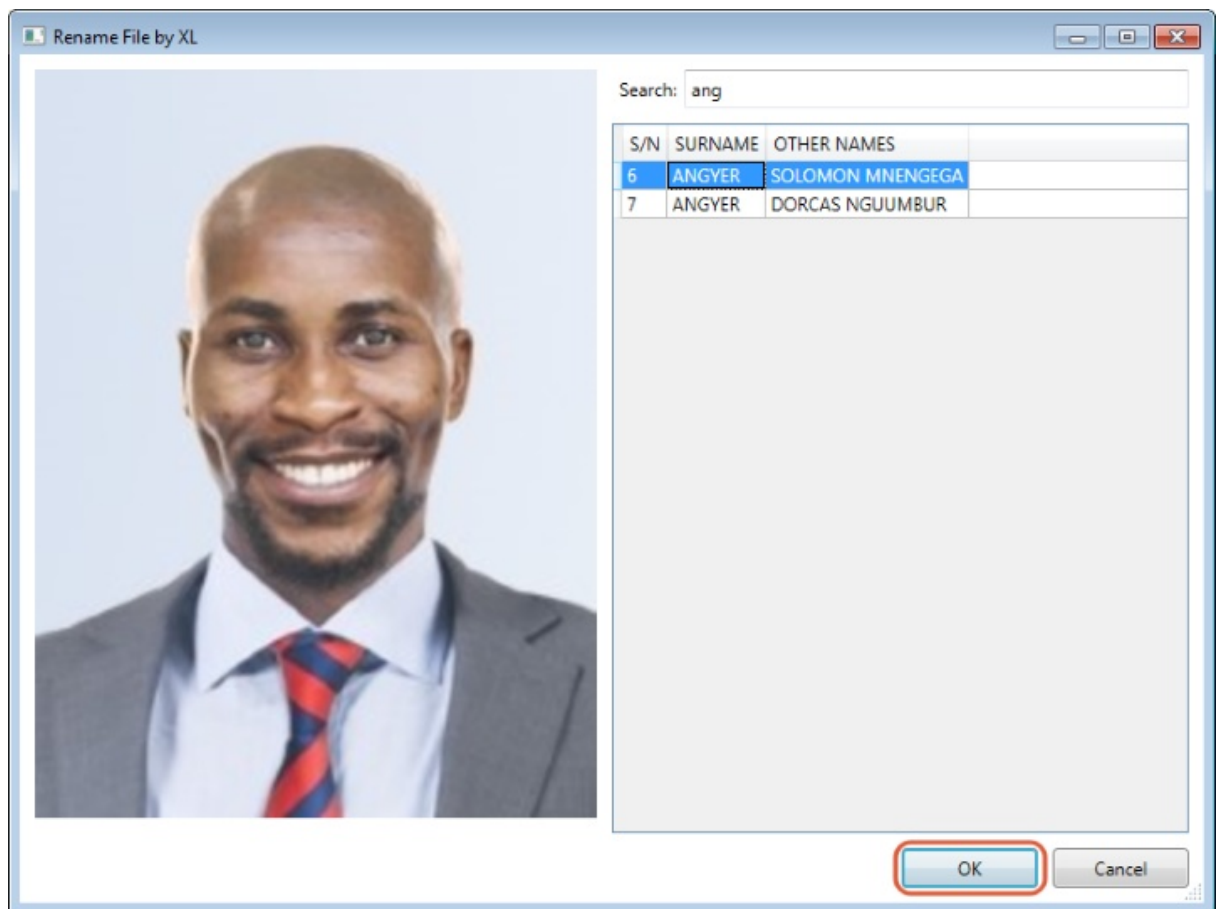


If the table has one row after searching - click **OK** button. After that the image file will be renamed.

If the table has several rows after searching - select manually the required row.



After that the **OK** button is activated, click it and then the image file will be renamed.



Open the folder in which **RenameFileByXL** should save the renamed file and check the result.

In our example, the surname **ANGYER** matches to the number **6**. As shown in the picture below: the filename has changed from **image** to **6**.

