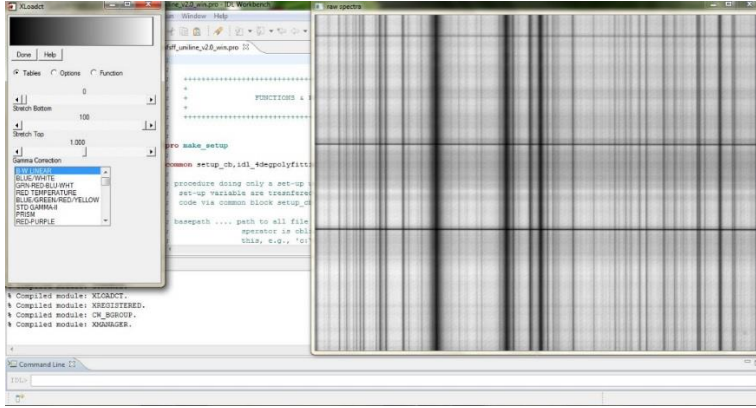
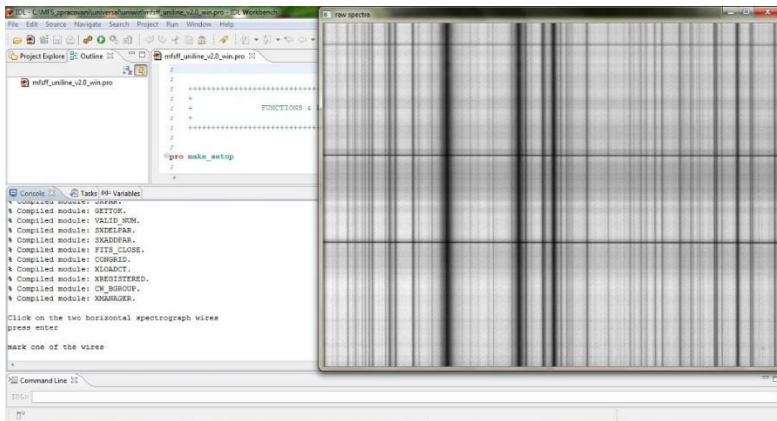


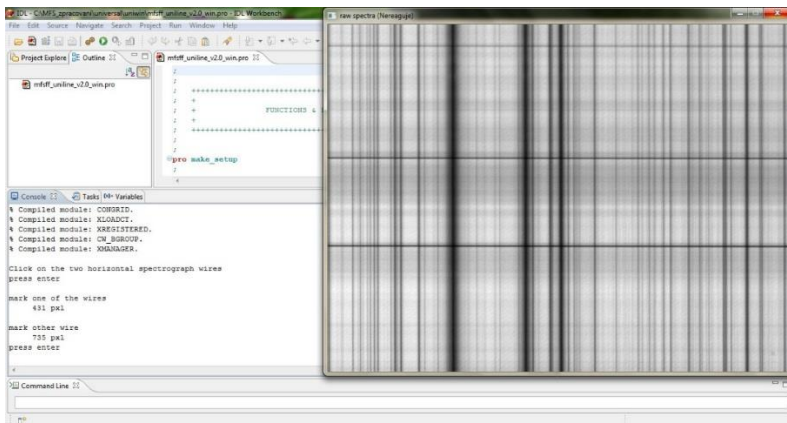
2.



4.

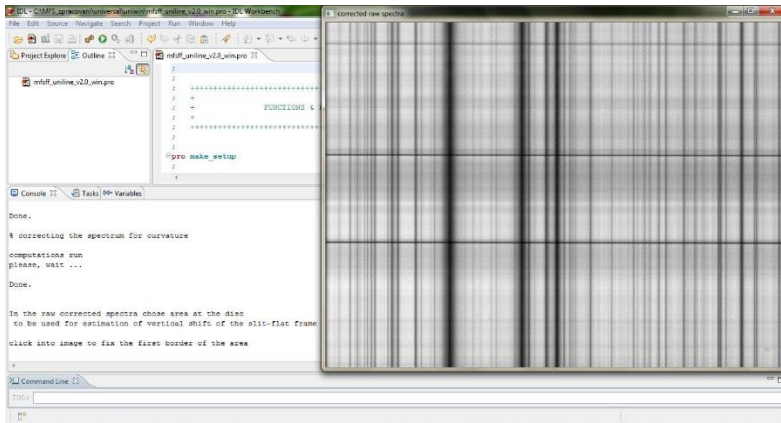


5.

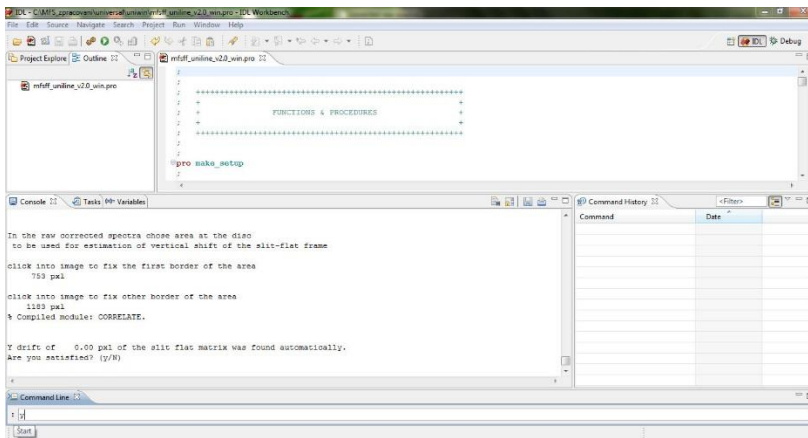


6.

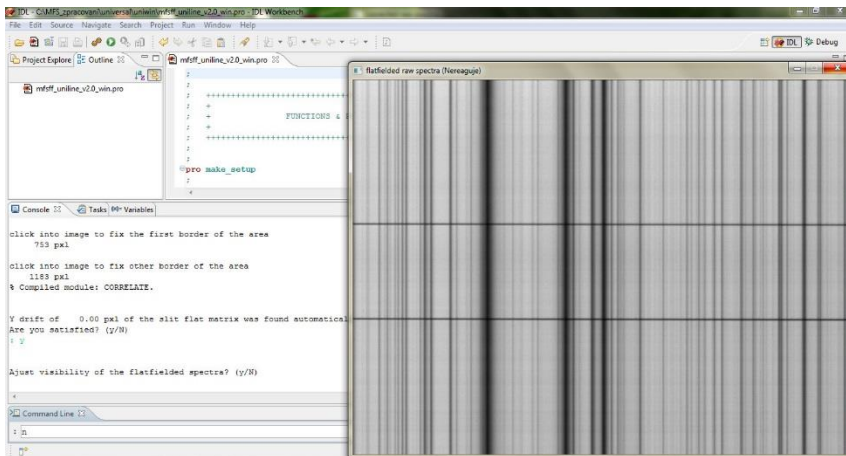
3



7.



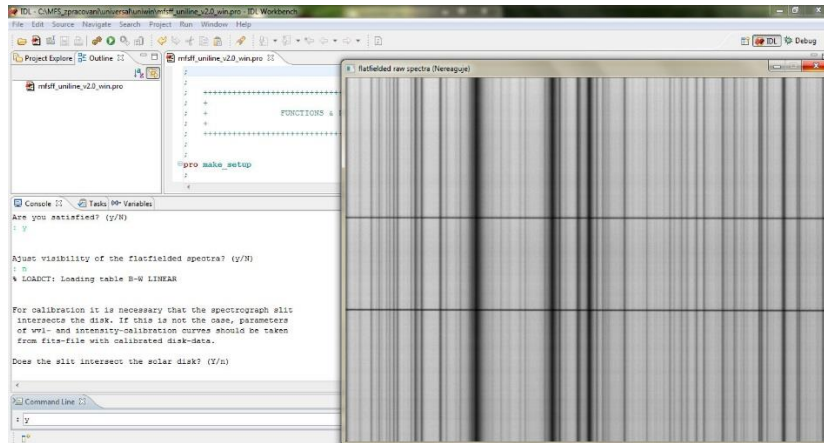
8.



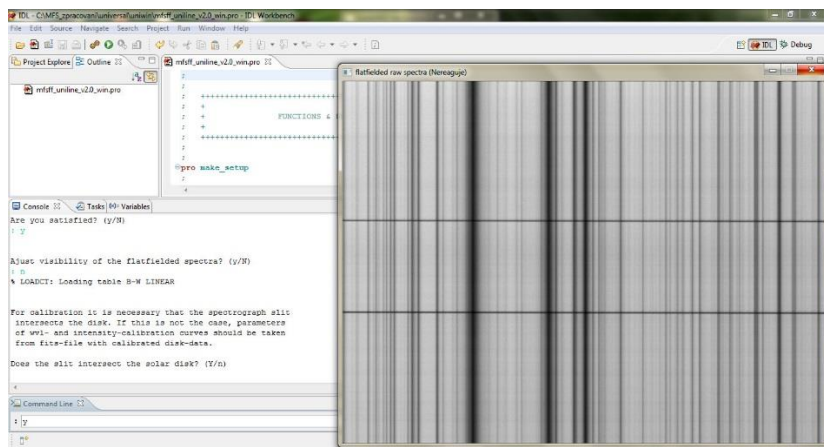
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4

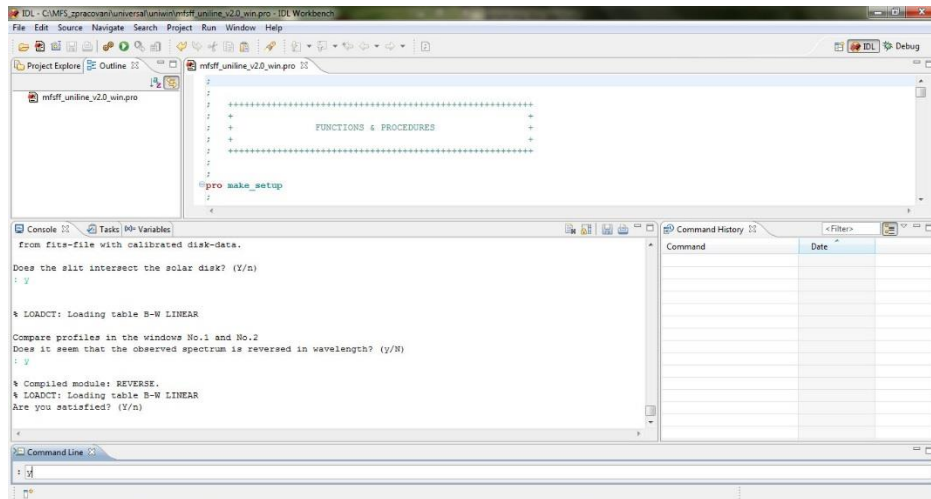
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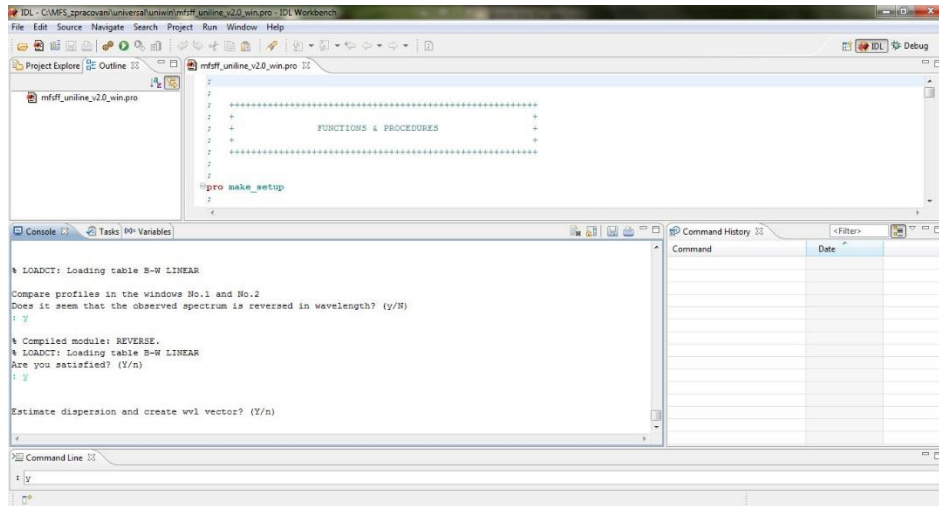
11.



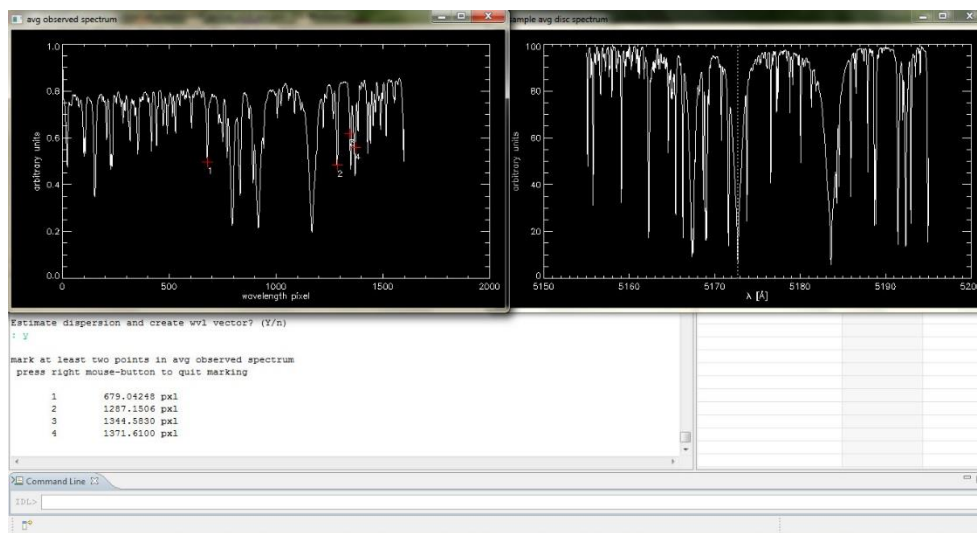
12.



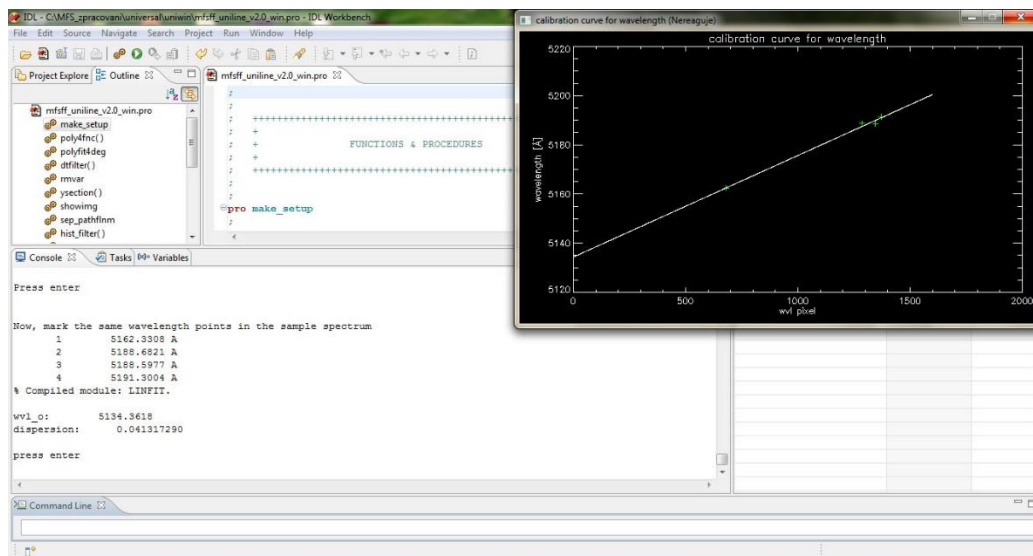
5



13.

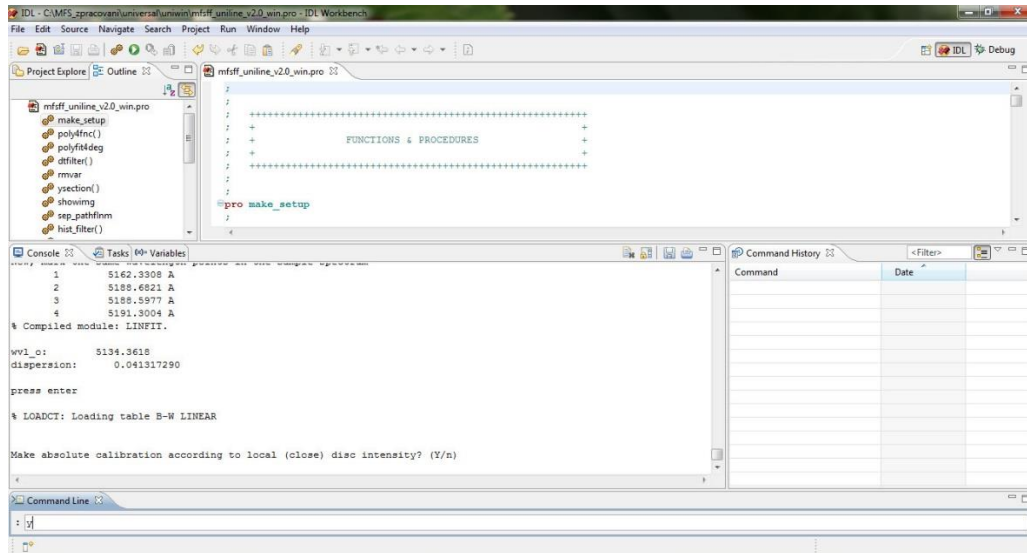


14.

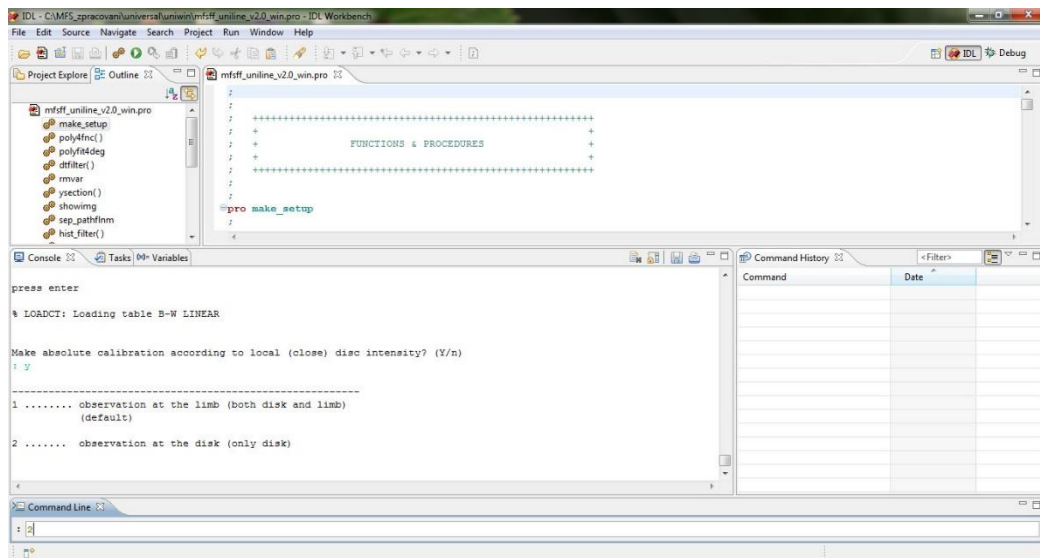


15.

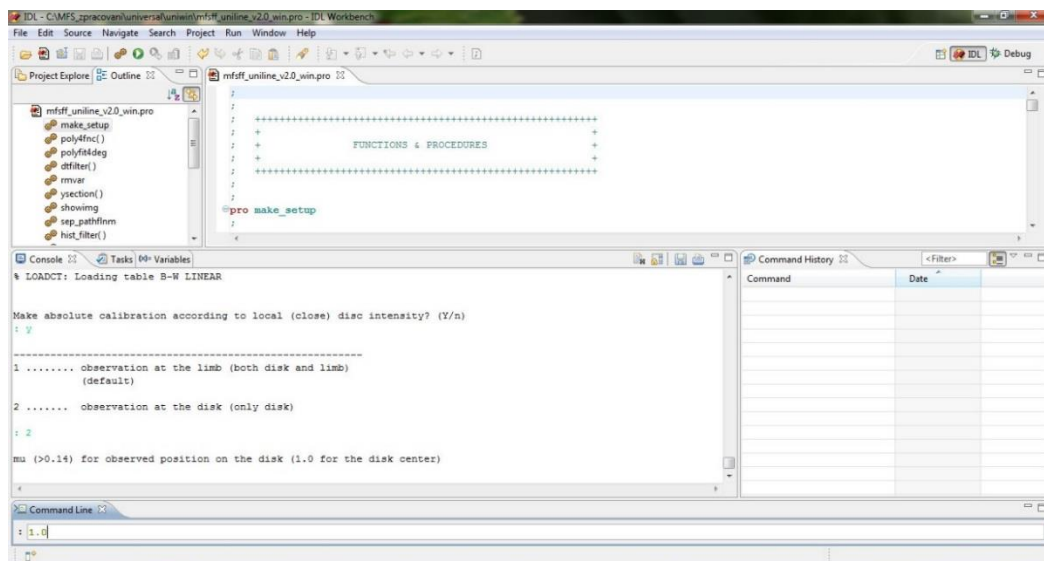
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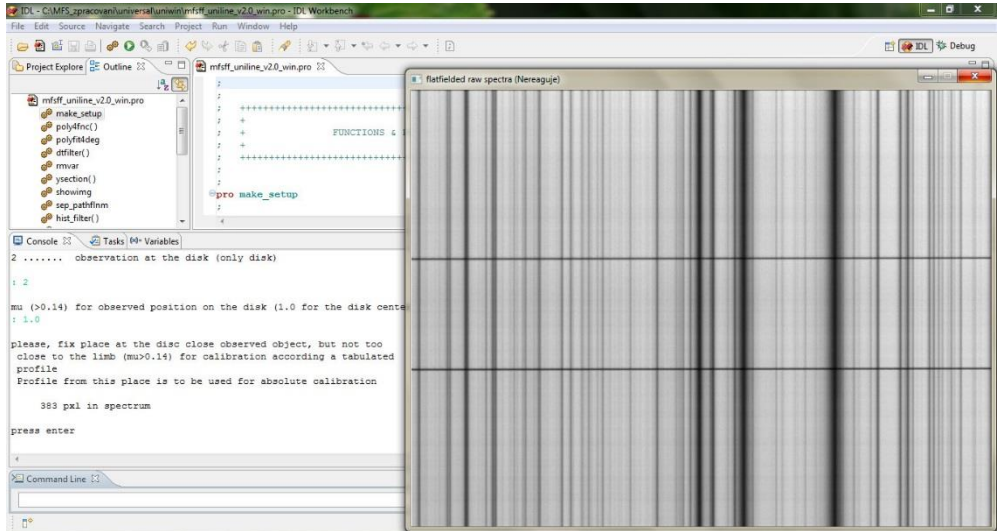
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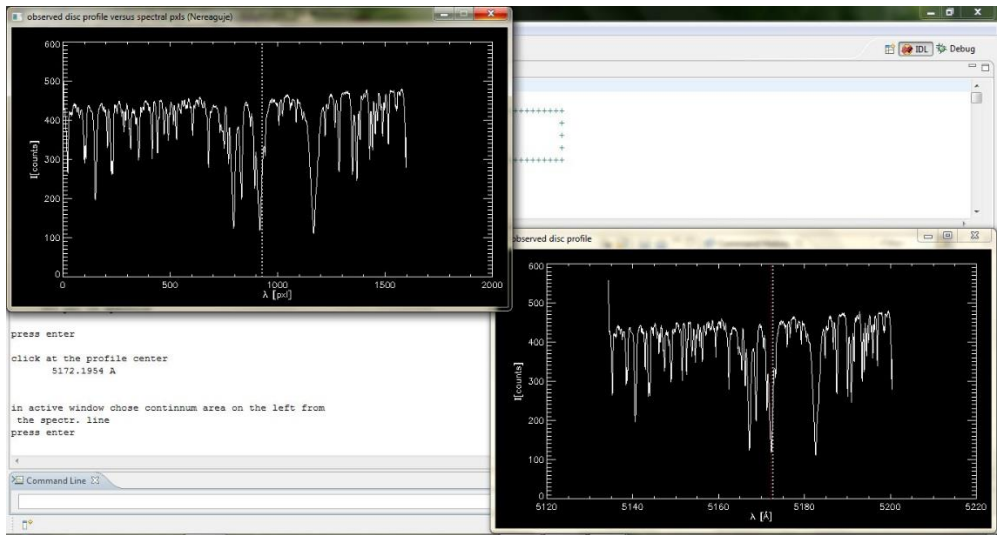
17.



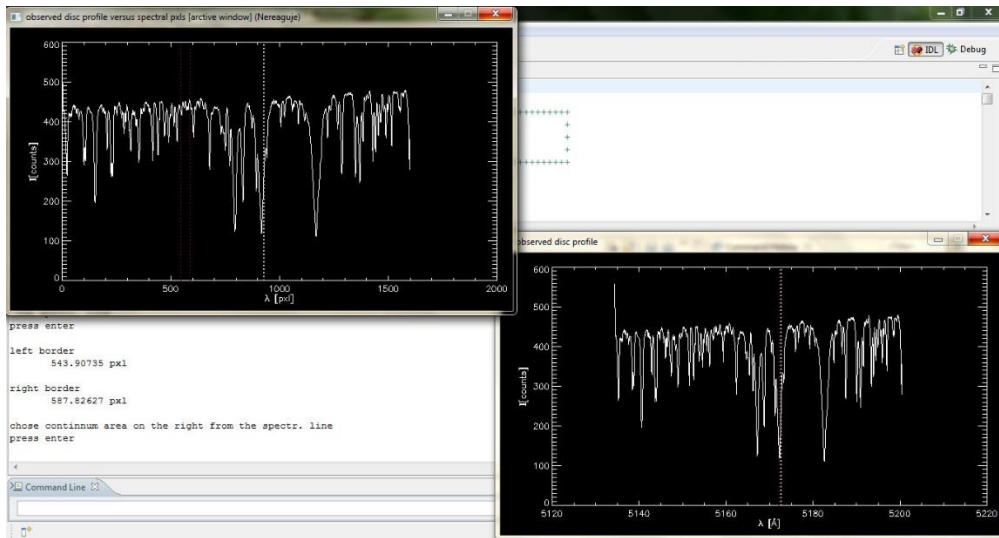
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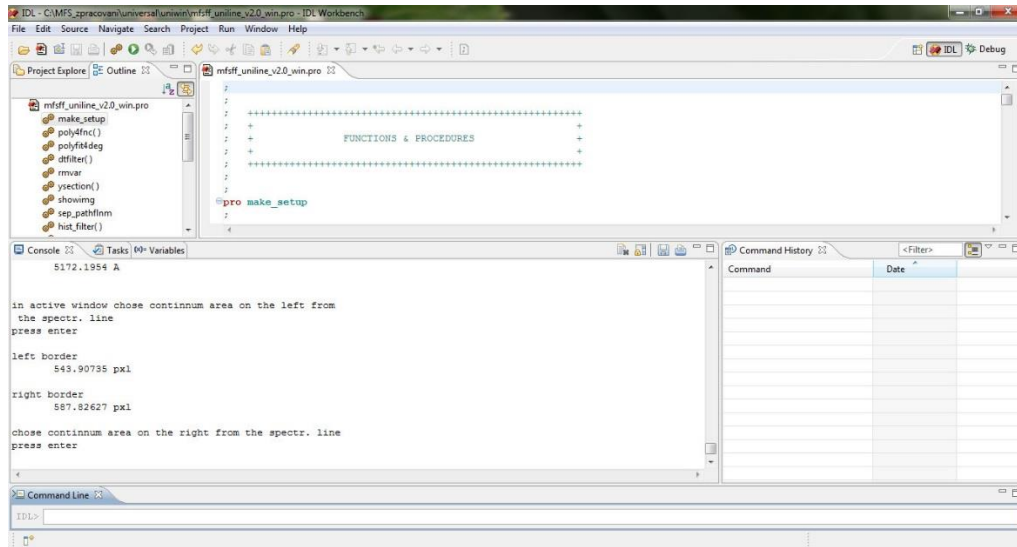
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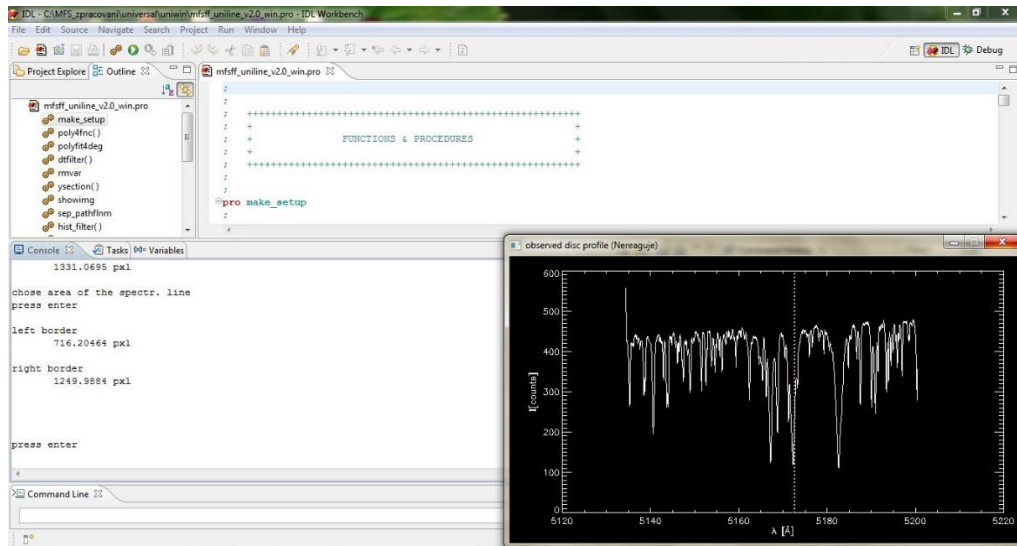
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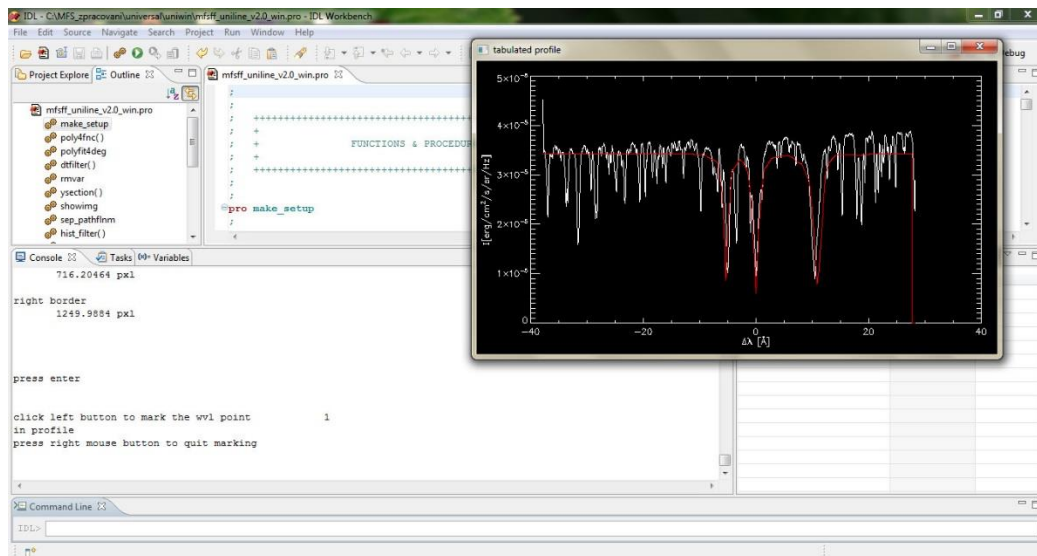
21.



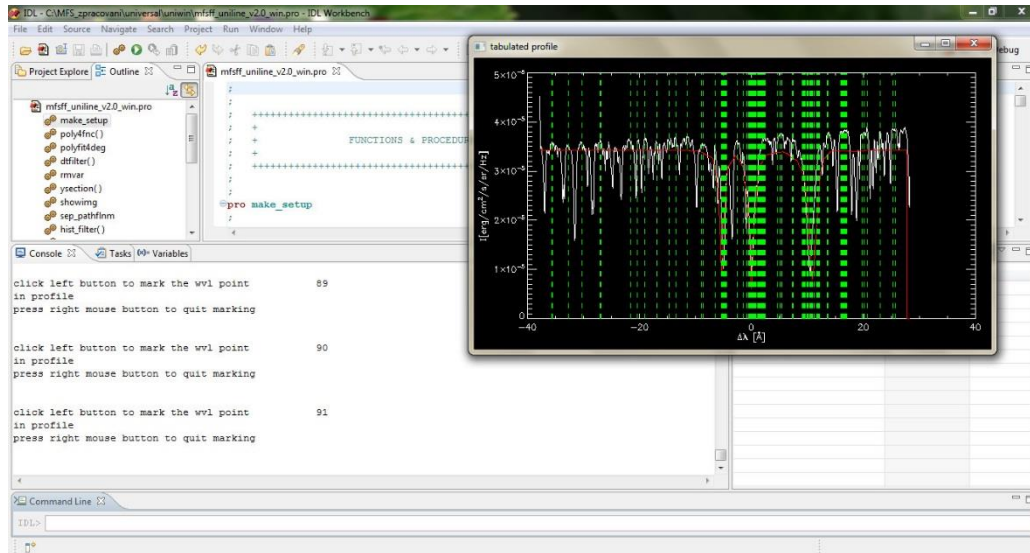
22.



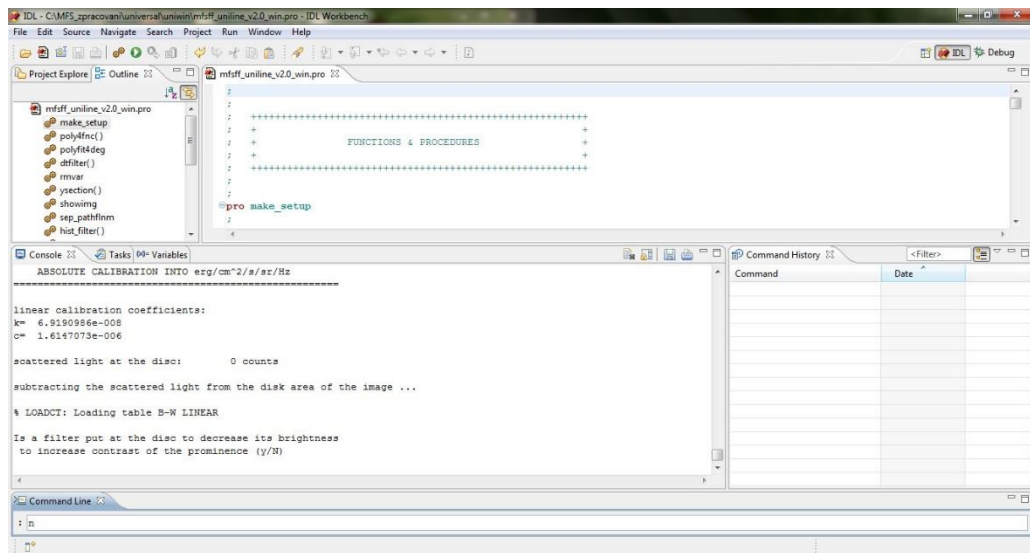
23.



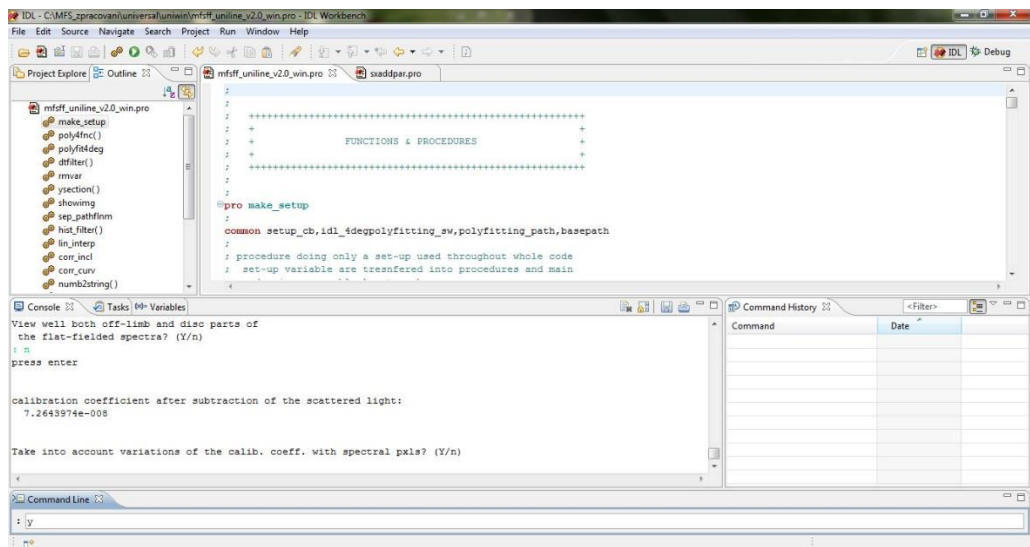
24.



25.



26.



27.

10

The screenshot shows the IDL software interface. On the right, a plot displays the relative intensity $I_p(\lambda)$ versus wavelength λ in Angstroms [Å]. The x-axis ranges from 5140 to 5200 Å, and the y-axis ranges from 0.0 to 2.0. Data points are marked with '+' and a red line represents a polynomial fit. On the left, the console window shows the output of the `POLY_FIT` module, including the polynomial equation $a*xpos^2 + b*xpos = c$ and its coefficients:

Parameter	Value
a	$8.7159083e-008$
b	-0.00020797629
c	1.1234048
chl^2	0.00099966293

The user is prompted "Are you satisfied? (y/N)" and responds with 'y'.

28.

This screenshot shows the IDL software interface. The console window displays the following text:

```
% LOADCT: Loading table B-W LINEAR
Save the flatfielded spectrum into a file? (y/N)
```

The user responds with 'y'.

29.

The screenshot shows the IDL software interface. A plot titled "flatfielded raw spectra -- real relative intensities" is visible in the background. In the foreground, a file save dialog box is open, showing the directory structure:

- universal
- unwin
- calibrated
- postup
- raw_data
- tmp1
- tmp2
- mincraft

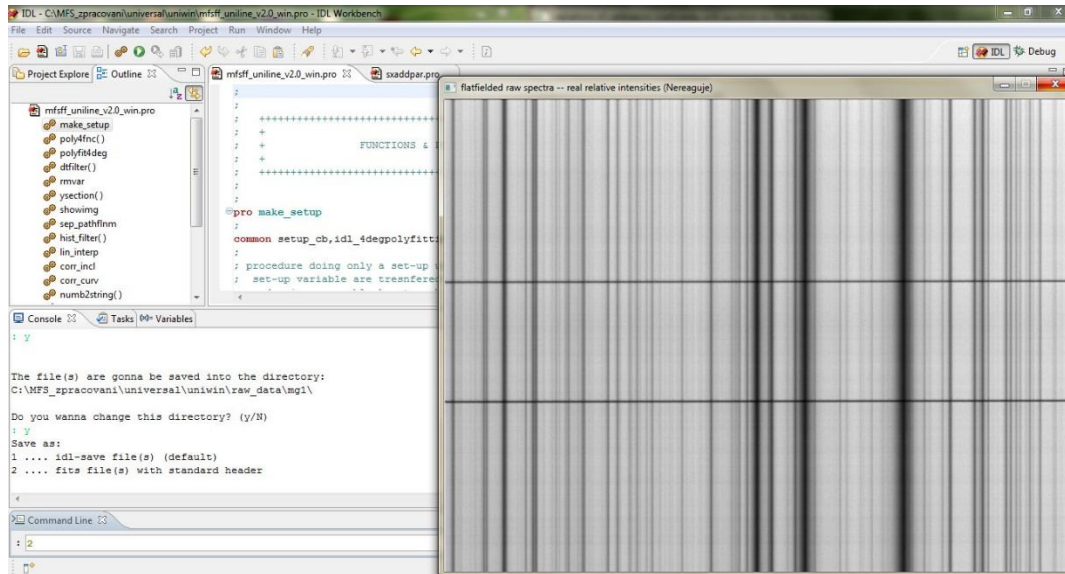
The console window shows the following text:

```
The file(s) are gonna be saved into the directory:
C:\MFS_zpracovani\universal\unwin\raw_data\ng1\
Do you wanna change this directory? (y/N)
```

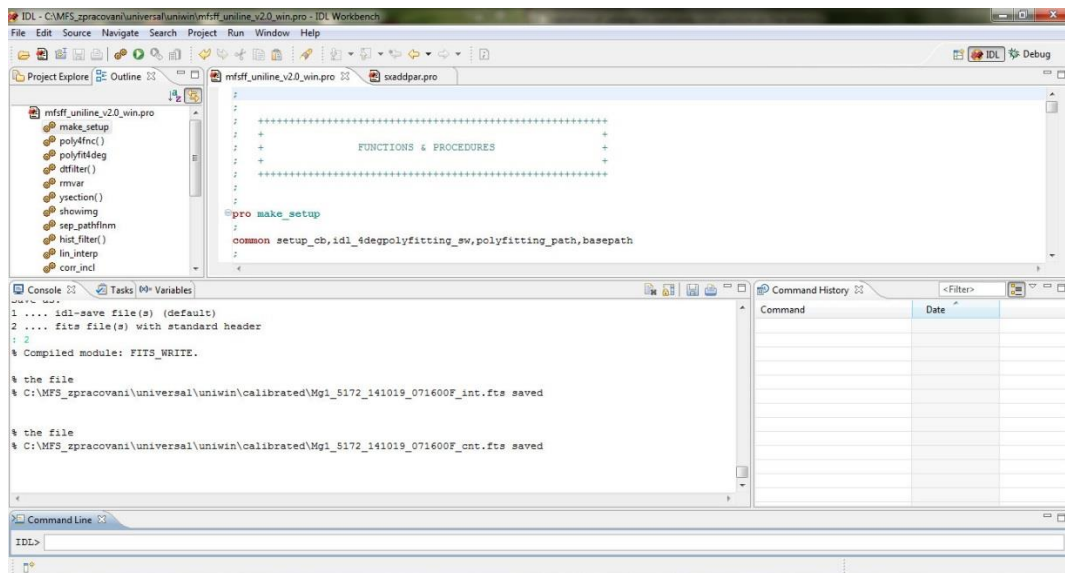
The user responds with 'y'.

30.

11



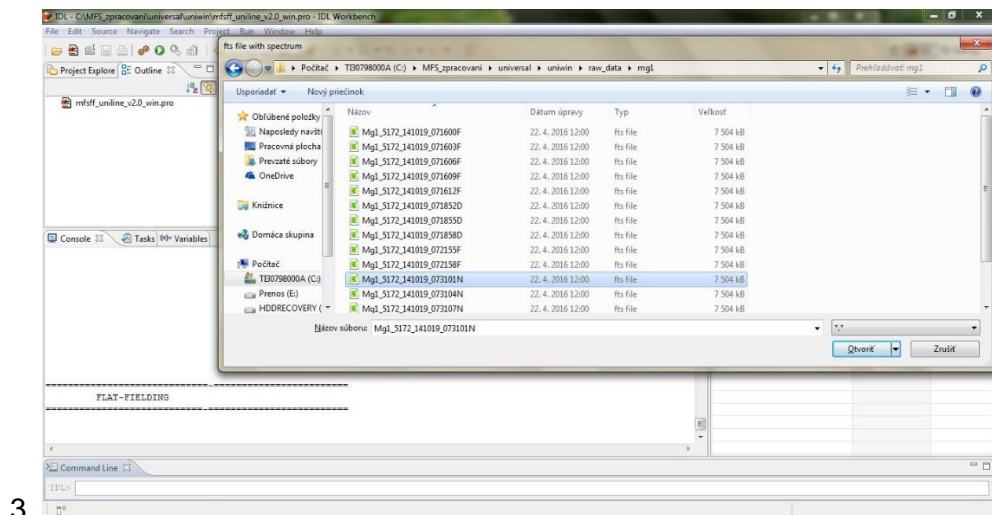
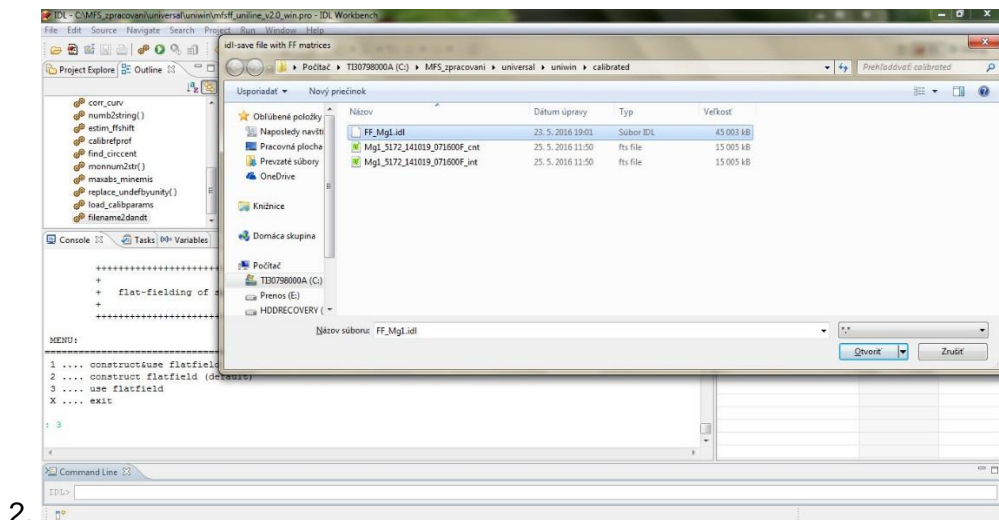
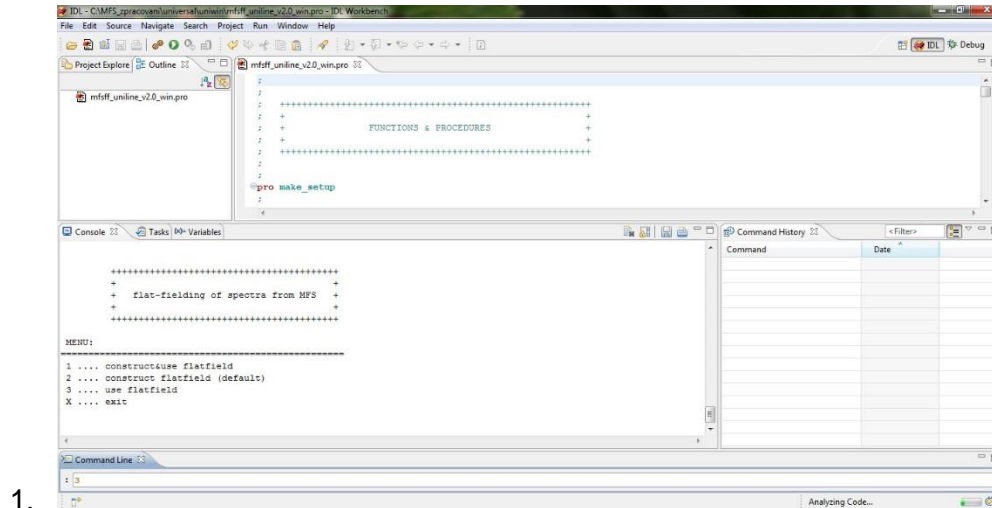
31.

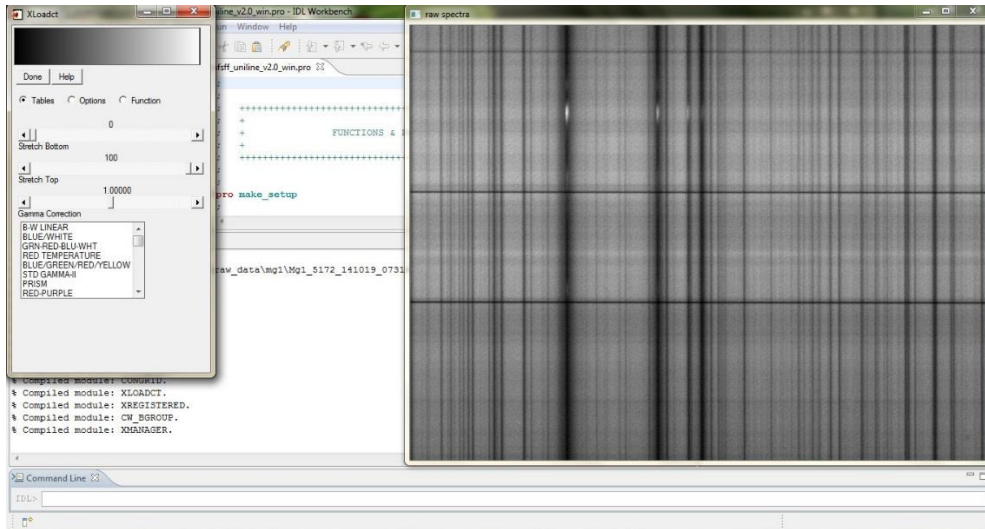


32.

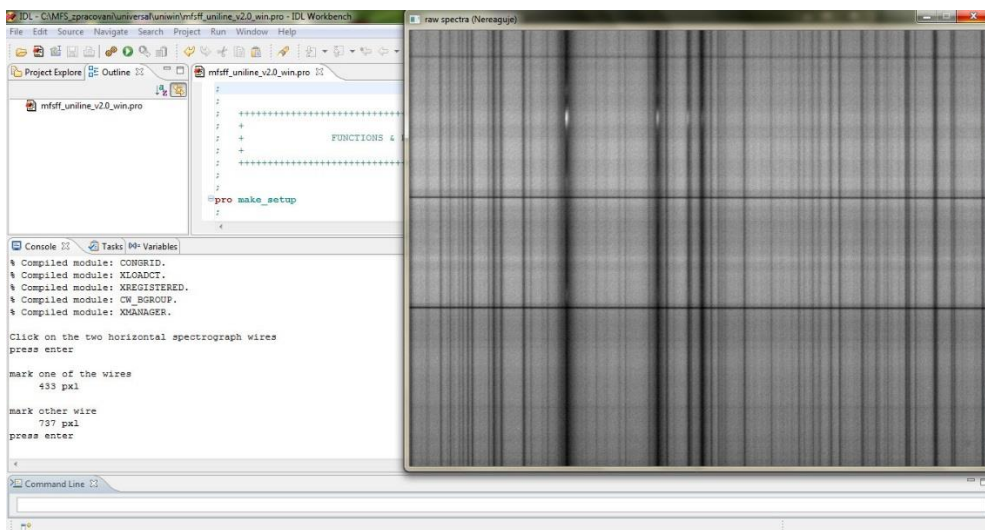
Pokračování na další straně!!!!!!

Po redukci flat-frame-u ze středu disku (Mg1_5172_141019_071600F), pro kalibraci pozorování protuberance, když šterbina nepřetíná disk, načteš kalibrační koeficienty ze souboru Mg1_5172_141019_071600F_int.fts kalibrovaných intenzit tohoto pozorování. Postupuj, prosím, podle následujícího obrázkového návodu:

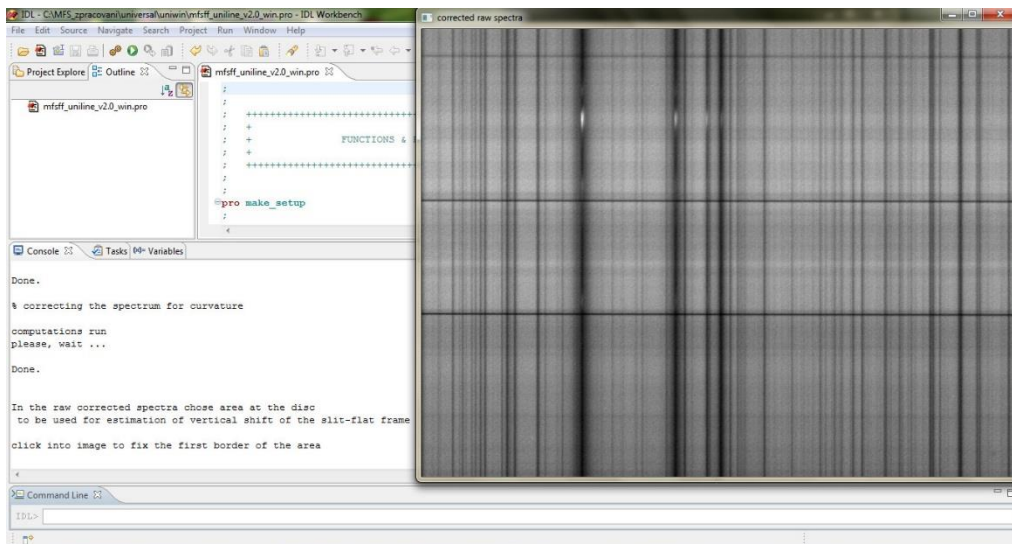




4.

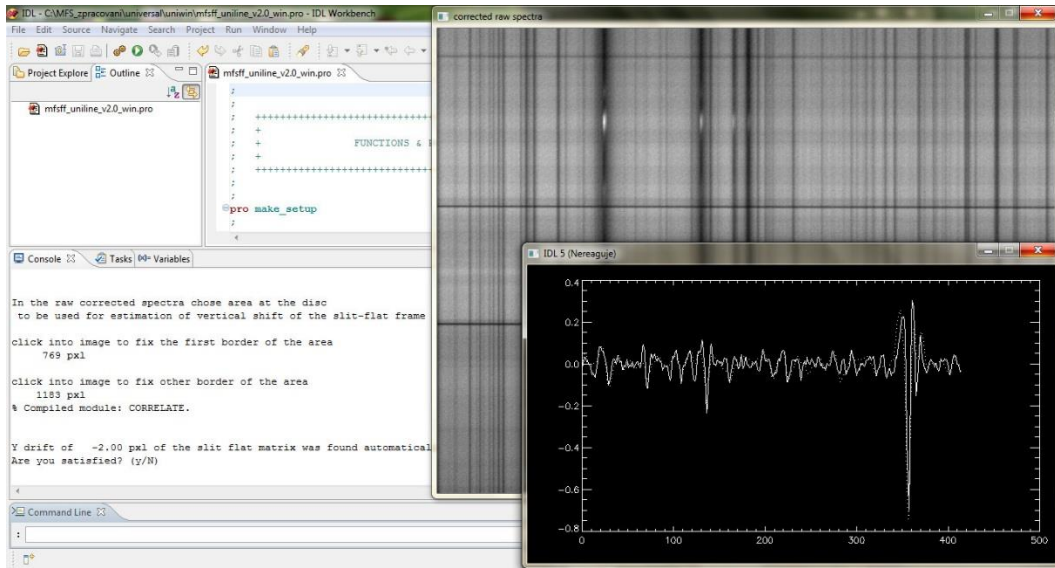


5.

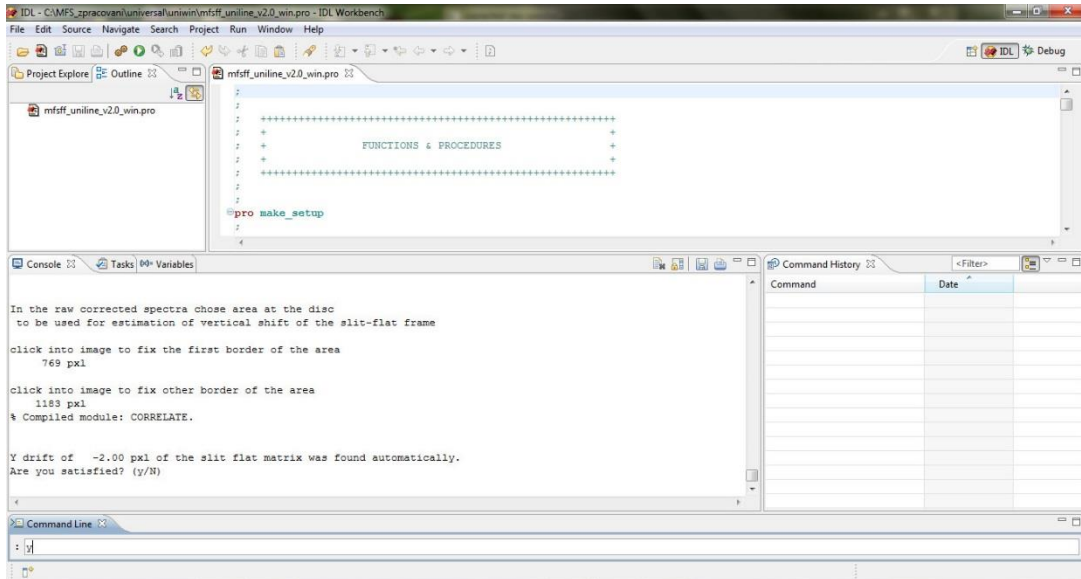


6.

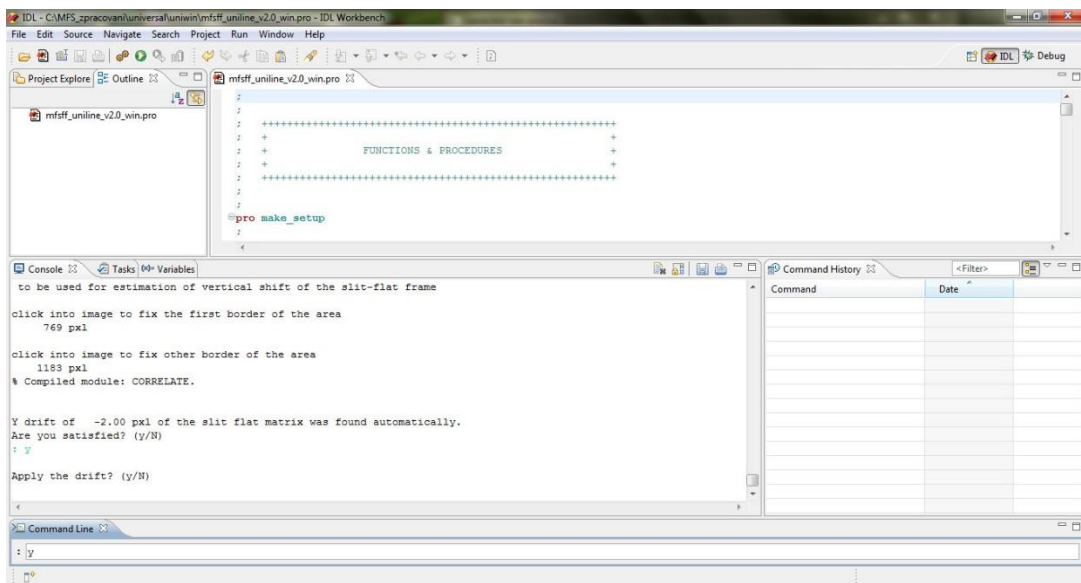
7.



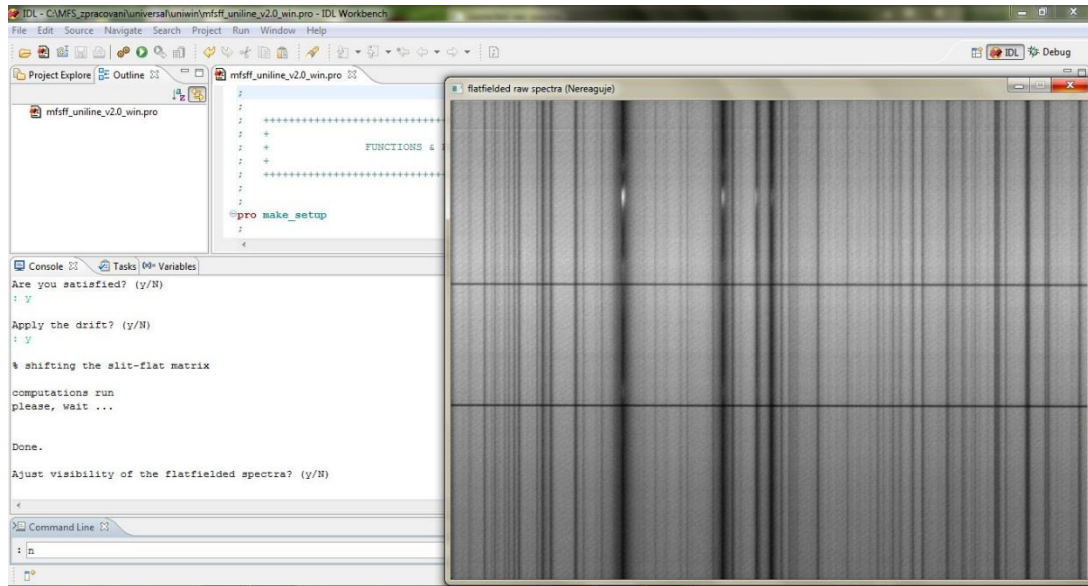
8.



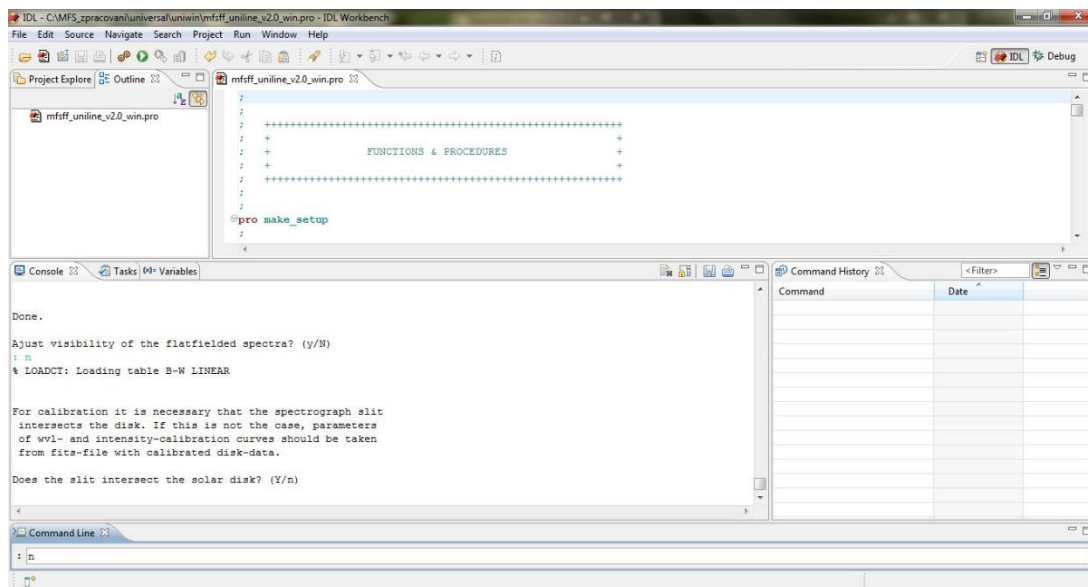
9.



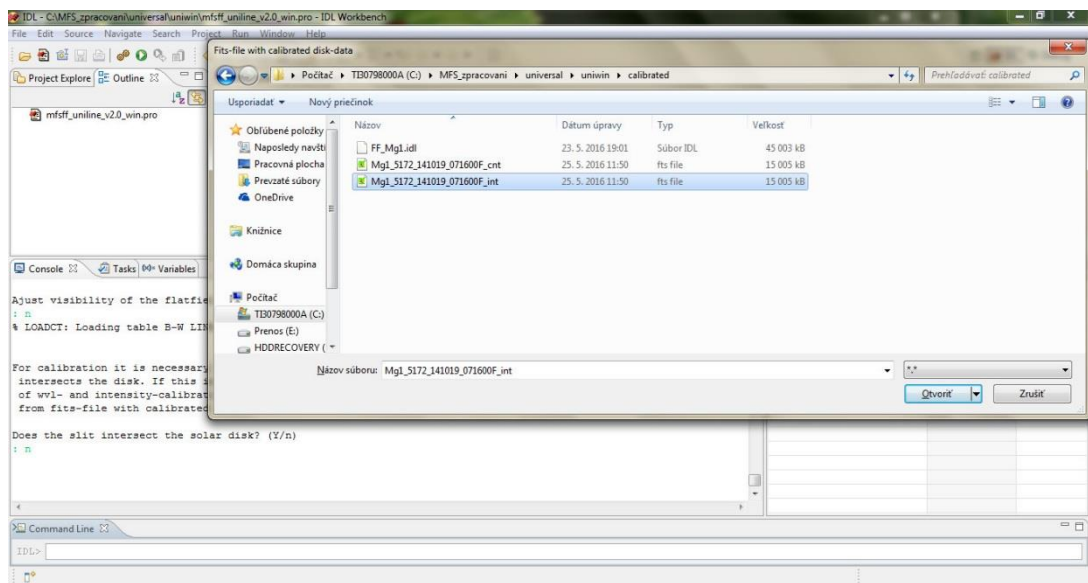
15



10.

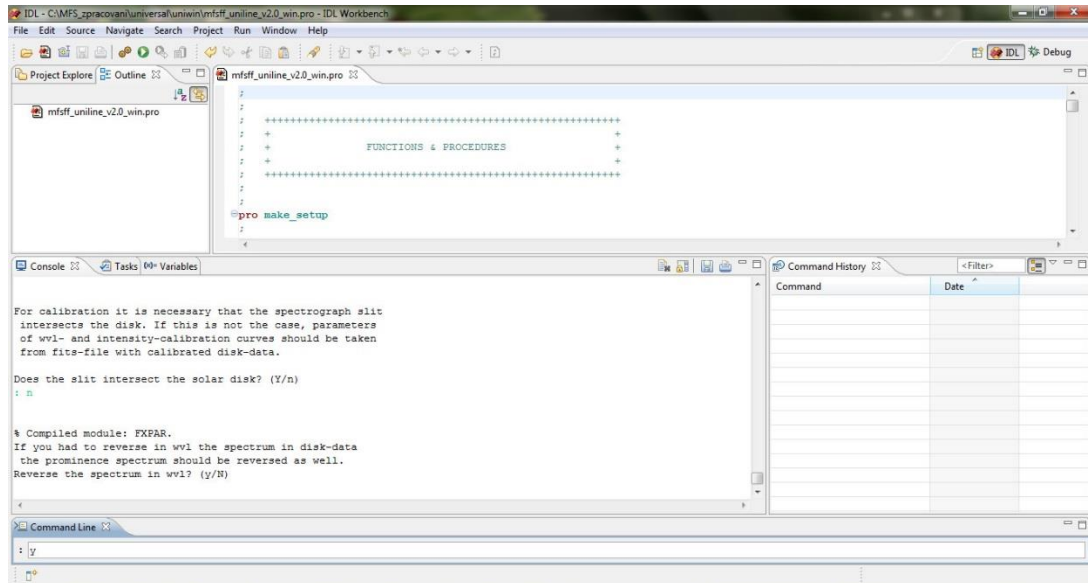


11.

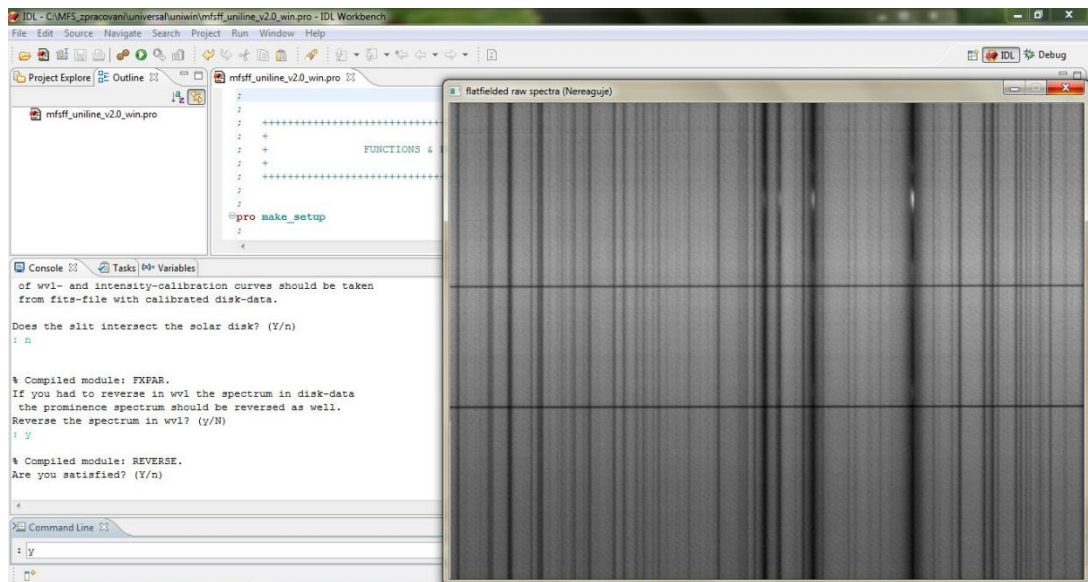


12.

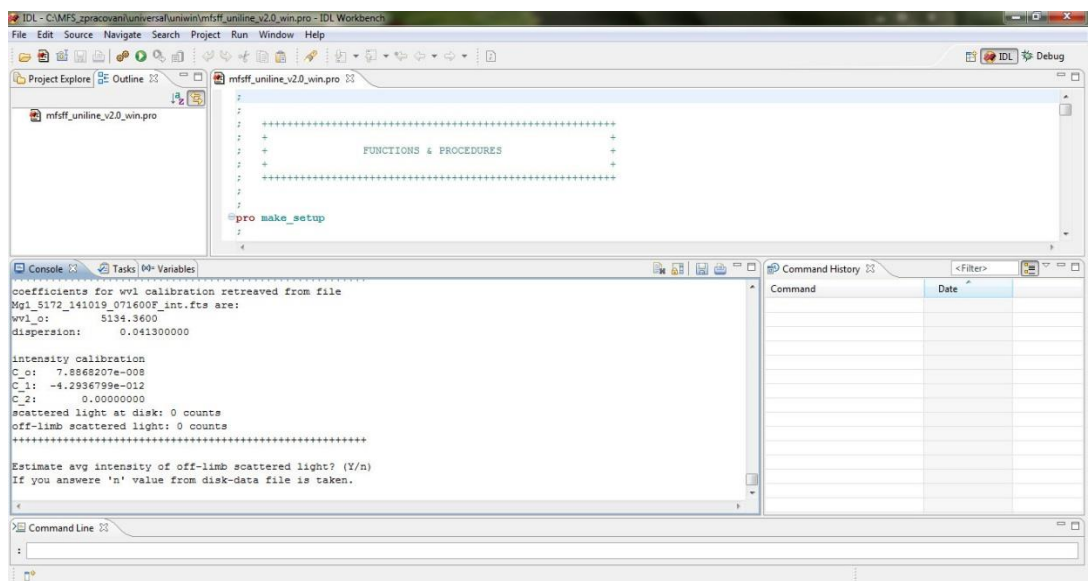
16



13.

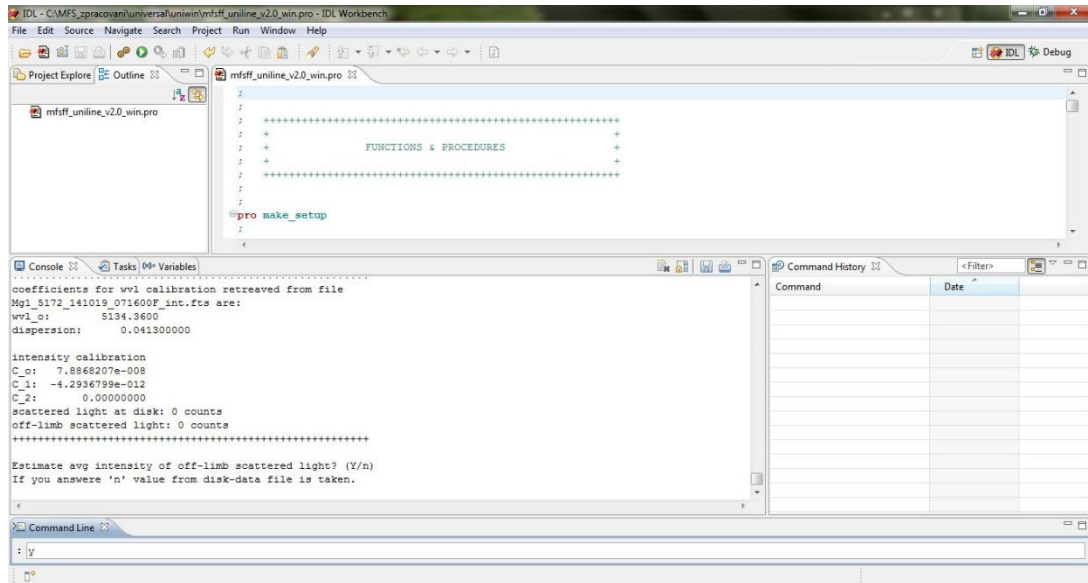


14.

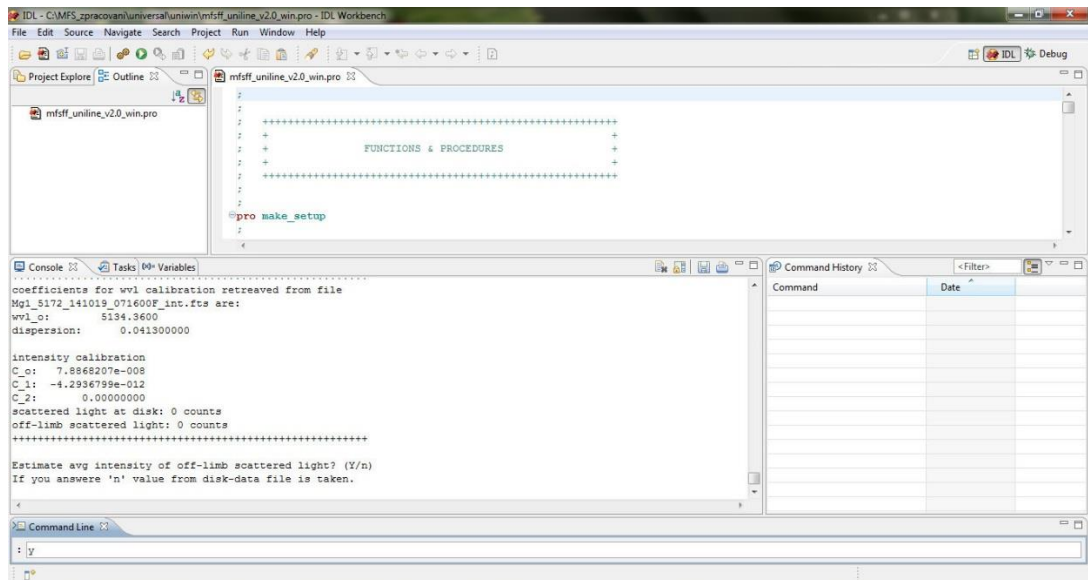


15.

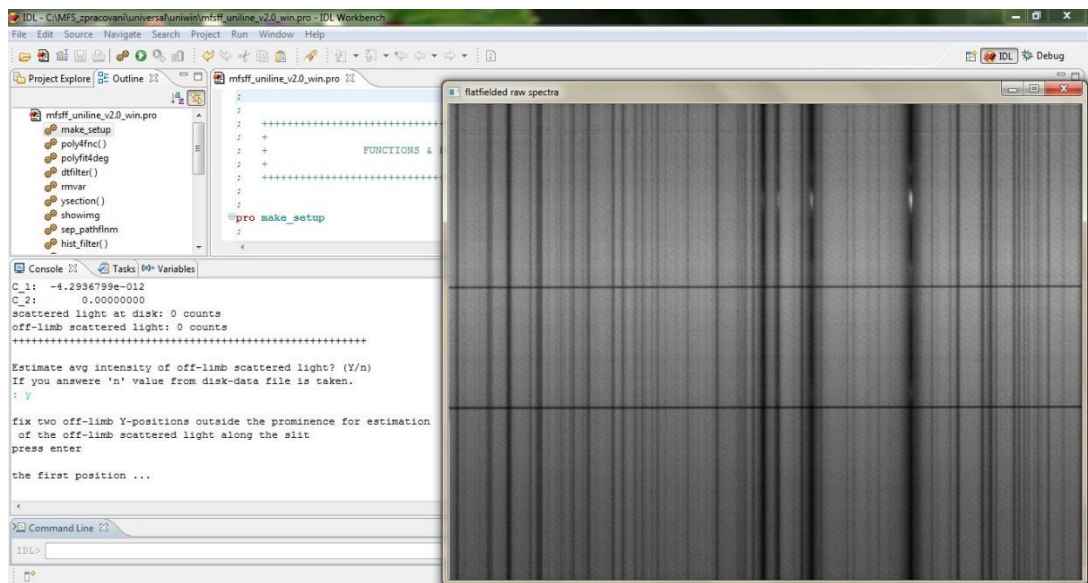
17



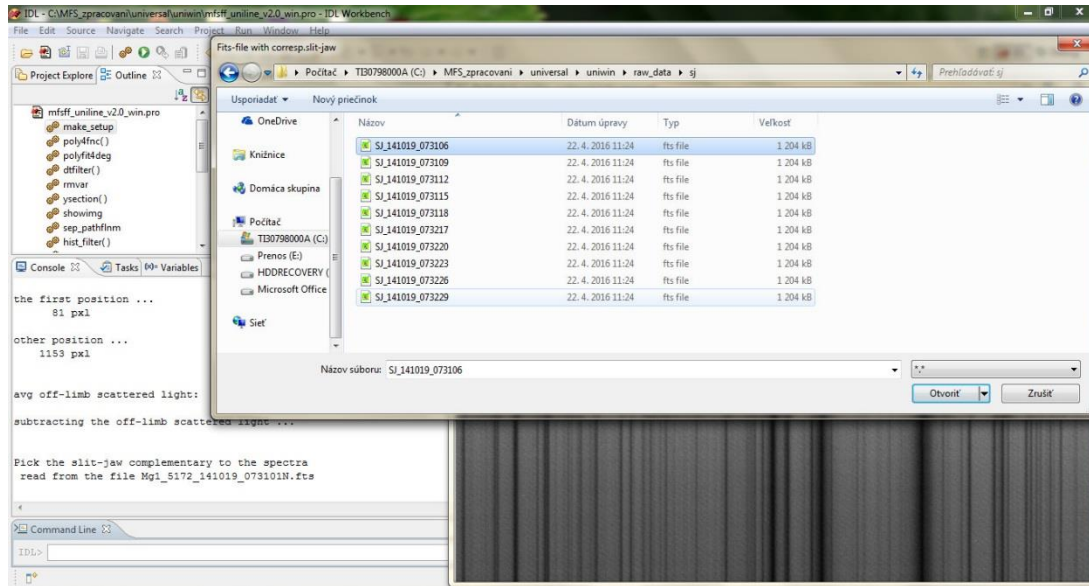
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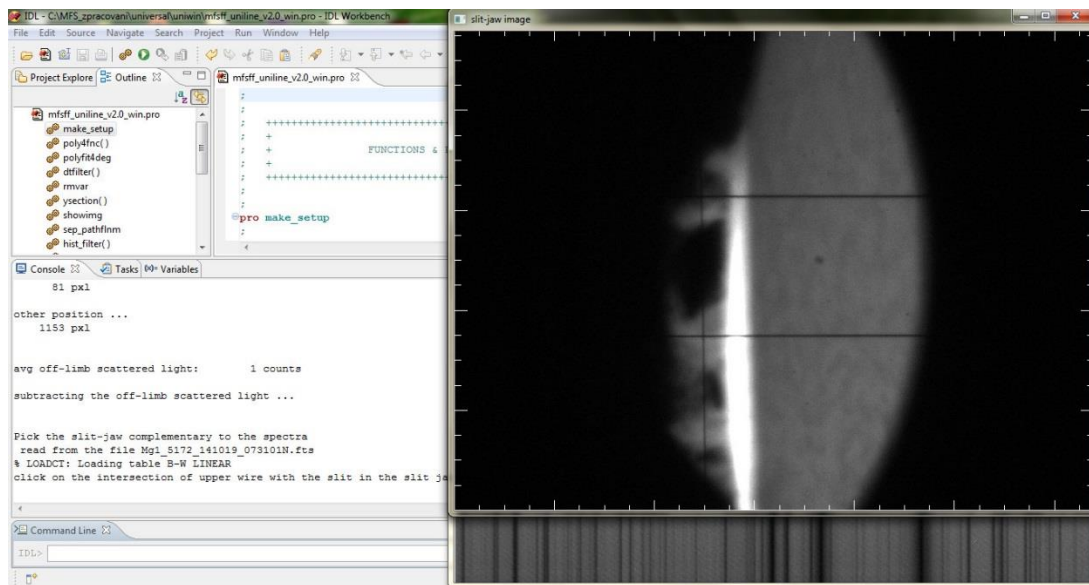
17.



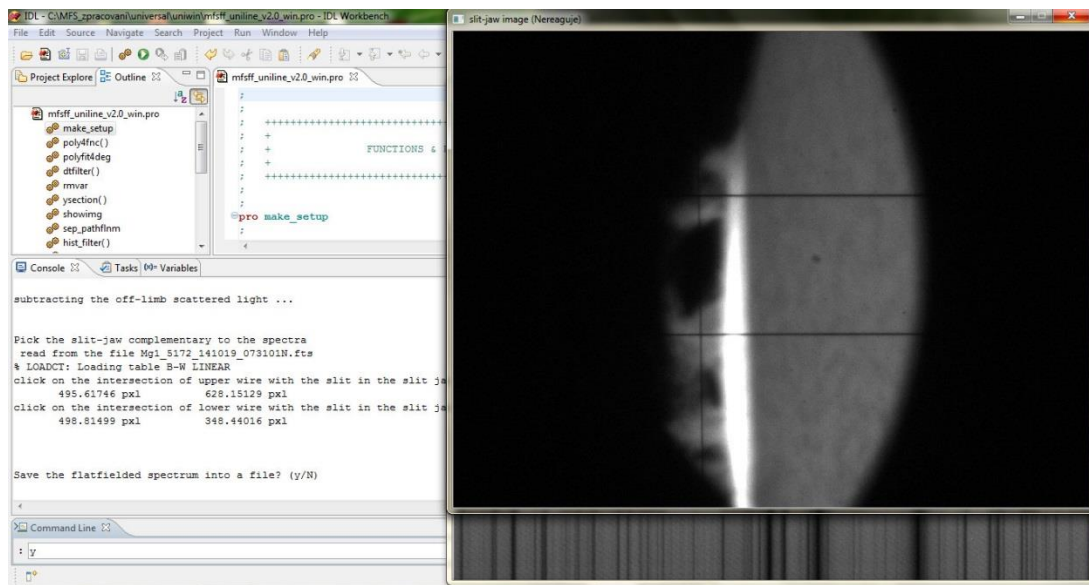
18.



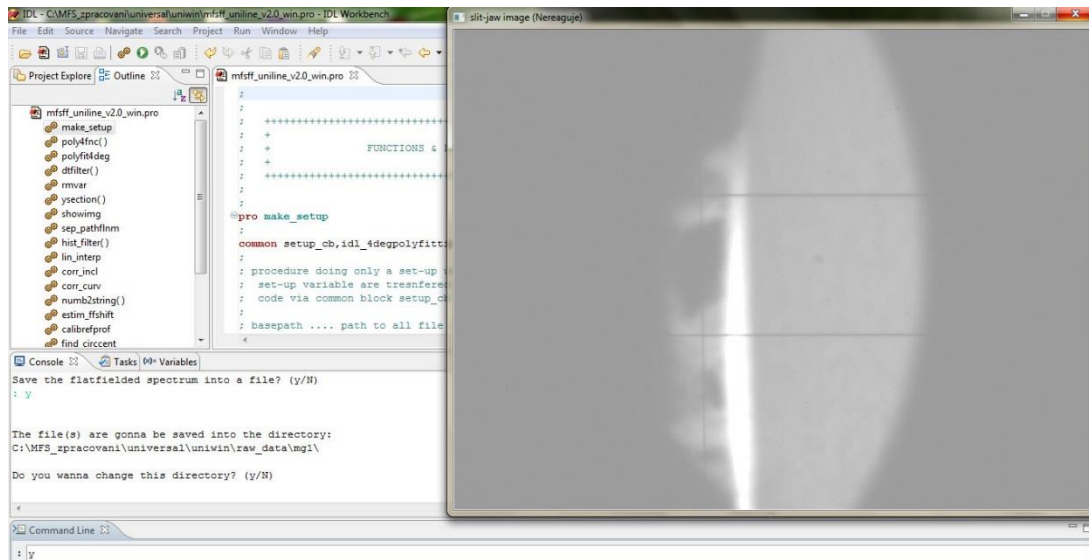
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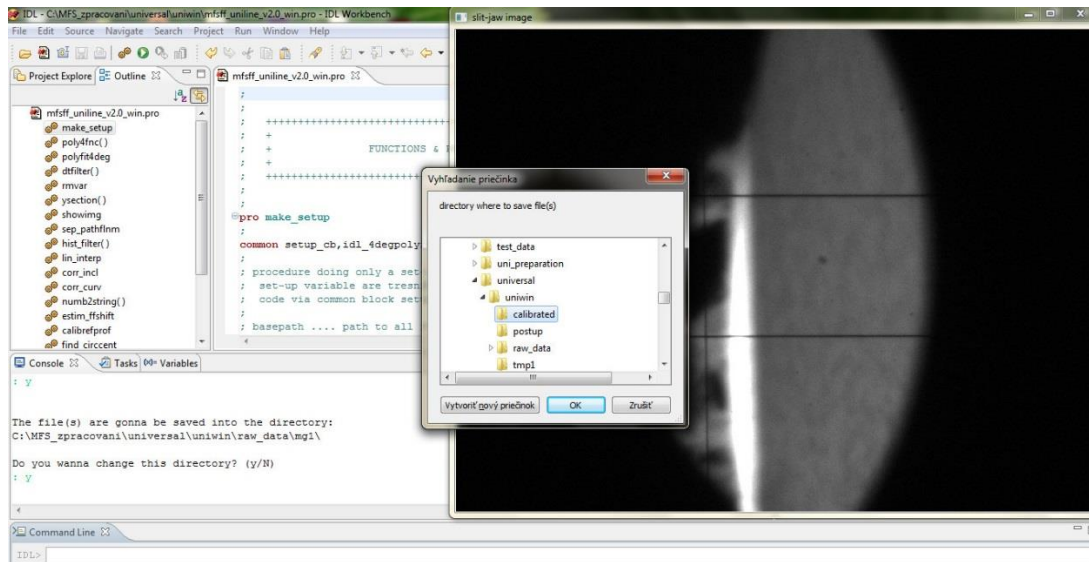
20.



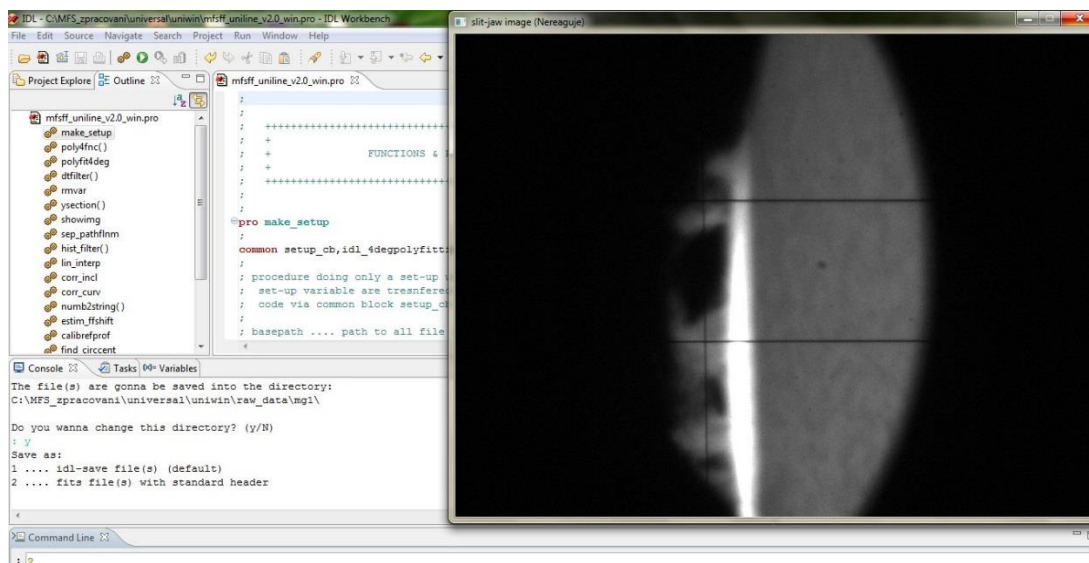
21.



22.



23.



24.

