I'm a 4th year B.Tech student doing an astronomy project based on HERSCHEL data. I have hit a wall in IDL programming.

I have 3 images of the same pixel grid size which have to be fitted in a user defined function. I have to use a chi squared approximation to get the values of the unknown parameters of the function. Then I have to plot contour maps of the unknown parameters separately. How do I do he above steps ?

I have been trying different fuctions for the last 3 months to no avail. I would be glad if you could help.