To do code submission

Key deliverables

* Externally functionning code.
* Git-hub compatible.
* Organized and clear I/O.
* Predictible constraint
  + Name of the ROI/samples.
* **Inputs**
  + 1 -> same folder
  + 2\_energies -> same folder
  + E-shift -> same folder
  + Broad/calc masks -> same folder
  + Weights -> same folder
  + Masks -> \_Input/masks/sample/ROI
  + Alignment images
  + arguments -> \_Input
* **Outputs**
  + Alignment -> same folder
  + Stack/2E images *E-stack and mantis* -> same folder (+ mantis)
  + \_\_\_\_\_\_\_\_\_\_\_\_\_ *calculation images* -> \_ Output/1\_Estack/sample/edge
  + Export Estack -> \_Output/1\_Estack/sample/edge/ROI
  + calculate\_ratioMap -> \_Output/2\_ratioMap\_ES/sample/edge/ROI
  + calculate\_ratioMap -> \_Output/2\_ratioMap\_2E/sample/edge/ROI
  + calculate\_pcaMap -> \_Output/2\_pcaMap\_ES/sample/edge/ROI
  + calculate\_icaMap -> \_Output/2\_icaMap\_ES/sample/edge/ROI
  + calculate\_nnmfMap -> \_Output/2\_nnmfMap\_ES/sample/edge/ROI
  + calculate\_correlation -> \_Output/3\_correlation\_ES/sample/edge/ROI  
    \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ -> \_Output/3\_correlation\_2E/sample/edge/ROI
  + calculate\_pPCA -> \_Output/4\_projection\_ES/sample/edge/ROI  
    \_\_\_\_\_\_\_\_\_\_\_\_\_ -> \_Output/4\_projection\_2E/sample/edge/ROI