**CRYSTAL**

**- Identifying and Understanding of the project -**

1. What is the purpose of this project?

* identifying and leveraging structure in quad meshes
* performance of computers over structured meshes is superior to those over meshes without a coherent structure

1. What is the project actually about?

* identifying structure in random quad meshes
* CRYSTAL: a group of algorithms for extracting regions of uniform quadrilateral structure in am unstructured mesh

1. Why is the project failing?

- the algorithm is failing when “extracting” cells because of the order in which the neighbors are traversed

1. What are the possible solutions for that?
2. make ssure the input file has consistent ordering
3. implement an option where the ordering is ignored