**Hard Deadline : Tomorrow 12 am**

**Challenge Requirements**

**Req ID 1: Your C project must be distributed into 3 main folders (Src, Inc, Dependencies).**

**Req ID 2:Your entire work must be on an online repo and local repo, that must be synced together with repo name “makefile”.**

**Req ID 3:All your work must be done at development branch and when you finish it must be merged to master.**

**Req ID4:The makefile have the below requirements:**

**Req ID 4-0:Compile the project successfully.**

**Req ID 4-1:Generic for any project**

**Req ID 4-2:Should detect any change in inc or src files(.c or .h)**

**Req ID 4-3:Should only compile the changed and affected files**

**Req ID 4-4:Must have a rule for compiling and one for linking**

**Req ID 4-5:Must have a rule for cleaning all dep file**

**Req ID5: All you other documents including (screenshots and answer) should be on another branch called documentation and when finish this branch should be merged into the master branch.**

**Note :**

**I sent 5 object files named with your names you should take one of them (based on the name) and include it in the compilation process in order to complete the challenge.**

**Deliveries**

1. **Makefile and will be tested through.**

* **Running it normally.**
* **Change in src or header file.**
* **Compile project successfully.**

**2. Screenshots for the git-bash used for git.**

**3. Remote repo and local repo which are linked together.**

**4. Commits, comments on the development branch.**

**5. Merge on the master branch at the end of work.**

**6. The answer for the quiz.**