**For ALL – Get basic understanding of GIT**

**Core PHP Tasks**

* **Use PHP Storm editor**
* **Setup debugger**
* **Preferred operating system is ubuntu 18.04 if you can install than in your machine**
* **Setup apache 2 + latest versions of php and mysql**

task 1

Create an array of n random elements (n>15)

//how to generate random elements in PHP

//how to create an array in PHP

-> Find Prime numbers in the Array.

-> Store prime numbers in another Array.

-> Also find smallest and largest element"

task 2

Create a User class. store user name and age.

-> Create an object Array of User type with 10 users.

-> Sort User Type Arraylist according to their age.

task 3

Create two associate arrays of type String, and compare those to search common elements.

**Core JAVA**

* **Use intelliJ idea editor**

task 1

"Create an array of n random elements (n>15).

-> Convert array to ArrayList.

-> Find Prime numbers in the ArrayList.

-> Store prime numbers in another ArrayList.

-> Also find smallest and largest element"

task 2

"Create a User class. store user name and age.

-> Create an Arraylist of User type with 10 users.

-> Sort User Type Arraylist according to their age.

task 3

Create two hash sets of type String, and compare those to search common elements.

**FrontEnd**

* Download the zip file from the folder.
* Use editor web storm
* There are 3 psds and their jpgs in the folder
* You have to convert each into html
* You will need to have photoshop cs4 or above version

- make sure that each of the tasks below are proper responsive

- create html of task1.psd with bootstrap 4

- create html of task2.psd with bootstrap 4

- create html of task3.psd with bootstrap 4

- setup npm + node server

- setup angular 8

- convert the above htmls into angular 8

- integrate material design with angular 8