TCS Interview Questions :

Q1. Sort the list in Ascending order?

Using list.sort()

Q2. File Handling

Q2.1 : Write the file.

Q2.2 : Read the file.

(Update and Delete As well)

check in folder

Q3. Count the number of vowels in the string?

vowels=0

for i in string:

if(i=='a' or i=='e' or i=='i' or i=='o' or i=='u' or i=='A' or i=='E' or i=='I' or i=='O' or i=='U'):

vowels=vowels+1

Q4. Addition of the both the list indices elements and stroe result in seperate list?

Check in folder prog2.py

Q5. Git Reository?

Repositories in git contain a collection of files of various different versions of a Project. These files are imported from the repository into the local server of the user for further updations and modifications in the content of the file. A VCS or the [Version Control System](https://www.geeksforgeeks.org/version-control-systems/) is used to create these versions and store them in a specific place termed as a repository.

Q6. Git Commit?

The **git commit** command captures a snapshot of the project's currently staged changes.

basically **git commit** puts your changes into your local repo, while **git push** sends your changes to the remote location

Q7. write The code for bubble sort?

(sorting, merging algorithms)

check in folder prog1.py

Q8. Database Queries?

Select

update

delete

insert

drop

truncate

Procedural language :

variables

data types : (int, char, float, double, long, short, byte)

operators (+, /, \*, %, ||, &.....)

operands (eg : c = a + b ) (a , b , c)

keywords

memory management

scope(local, global abd private)

typecasting

control statements(if..else, switch case)

loops (for, while)

nested, range, break, continue, else, pass

function (parameterised function )

function overloading

operator overloading

array

string

list

tuple

dictionary

set

boolean

file handling

Exception handling

union

structure

pointers

header files/liabraries/Packages

Object Oriented :

class

object

constructor/Distructor

encaosulation

inheritance

abstraction

polymorphisam

data hiding

methods

decorators

litrals/genratiros/iterators/

threading

process

Database Connectivity

coding style/indentation