**Assignment 8**

1. Is python used in backend or frontend.

Python is commonly used for **backend development**, handling server-side operations, managing databases, and processing data.

1. What is git and the use of git in python?

Git is a distributed version control system that tracks changes in any set of computer files.

its uses are;

* it helps to collaborate work with members.
* it helps programmers to save work in cloud and access it anywhere.
* It enables programmers to work on certain codes as a team.

**Extra;**

What is difference between Git and GitHub?

Git is a version control system that allows developers to track changes in their code. GitHub is a web-based hosting service for git repositories.

1. What are the tools used for software development in python?

* Pycharm, **PyCharm** IDE. **PyCharm**, as an IDE, offers intuitive auto-completion, tips, PEP8 checks, and other code quality enhancement features.
* Pip package,
* Keras- for machine learning.
* flask