* **Introduction:**

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* **BNF grammar:**
* **Prerequisites:**
* **Extended Features:**
* Description of languages features:
* Functions:
* 1.print : prints the string value of the object passed as an argument.
* Prints th string literal value passed as argument.
* 2. list\_contents : lists the contents (files, directories) of the passed directory argument.
* 3. get\_size : returns the size of the (file, directory) passed as argument.
* 4. create : creates a new (file, directory) in the current directory.
* 5. copy : makes a copy of the argument passed (file, directory) in the current directory.
* 6. compare : compares two given files to check for equality, returns false or true;
* 7. connect : connects to the given server as an argument.
* 8. delete : deletes the given (file, directory).
* 9. rename : renames a given (file, directory) to a name passed as an argument.
* 10. move : moves a given (file, directory) to the given new path.
* 11. sort : sorts the given directory’s files according to name ordering.
* 12. filter: returns all files of the specified type from the given directory.
* 13. back\_up: makes a back-up copy of your local files to the cloud.
* 14. synchronize: performs a synchronization between local files and files on the cloud to update the cloud files with any new changes.
* 15. search: search in the given directory for the given file.
* 16. cd : changes the current directory to the given one.
* 17. download: downloads the given file using it’s URL.
* 18. upload: uploads the specified (file, directory) to the cloud.
* 19. open: opens the give file.
* 20. properties: returns the properties of the given (file, directory).
* 21. move\_back: moves one directory back to the previously opened one.
* 22. move\_forward: moves one directory forward, in case of moving back then the need to move forward again.