

****File Handling in Python****

File handling in Python involves working with files, including opening, reading, writing, and closing them.

There are three main file modes:

- * **Text mode:** Data is stored as text characters.
- * **Binary mode:** Data is stored in raw binary format.
- * **Append mode:** Data is added to the end of an existing file.

To open a file, use the `open()` function, specifying the file name and mode. The file object returned by `open()` can be used to perform operations such as reading, writing, and closing.

****Example:****

```
```python
Open a file in read mode
file = open("myfile.txt", "r")

Read the contents of the file
contents = file.read()

Close the file
file.close()
```
```

****Important Details:****

- * The file name is a mandatory parameter for ``open()``.
- * The mode parameter specifies the file mode (e.g., "r" for read, "w" for write).
- * The file object has methods for performing various operations, such as ``read()``, ``write()``, and ``close()``.
- * File handling is essential for working with data stored in files, such as text documents, images, and videos.