

Assignment-5

1. Opens the file for both appending and reading in binary format. The file pointer is at the end of the file if the file exists. The file opens in the append mode. If the file does not exist, it creates a new file for reading and writing.
2. The data to be read is first loaded into the buffer from the raw data file. As accessing the raw file can lead to high latency in some cases depending on the storage device. Hence the required data is first loaded into buffer and then easily can be easily accessed.

3.

try:

```
fh=open("1.txt",'r')
string=fh.read()
n=int(input("enter the value of n"))
print(string[n])
a=10/n
```

except IOError:

```
print("Error:can't find the file or read data")
```

except IndexError:

```
print("Error:Index out of range")
```

except ZeroDivisionError:

```
print("Error:Division by zero error")
```

4.

```
fp=open("file.txt",'r')
arr=fp.readlines()
print(arr)
arr.reverse()
for i in range(1,len(arr)):
    print(arr[i],end="")
```