Day-6 evening Assessment

# File Handling

1. lines=["Hello World\n","This is Python\n","File handling is easy\n"]  
with open("test.txt",'w') as file:  
 file.writelines(lines)

2. n=2  
with open("example.txt","w") as f:  
 for i in range(n):  
 print(f.readline().strip())

3. with open("example.txt") as file:  
 file.write("This line is appended.\n")

4. import os  
filename="example.txt"  
if os.path.exists(filename):  
 print("File exists")  
else:  
 print("File doesn't exist")

5. with open("file1.txt") as f1,open("file2.txt","w") as f2:  
 f2.write(f1.read())

6. with open("example.txt","r") as f:  
 text=f.read()  
 lines=text.splitlines()  
 words=text.split()  
 print("total lines: ",len(lines))  
 print("total words: ",len(words))  
 print("total characters: ",len(text))

7. with open("file1.txt","r") as f1, open("file2.txt","w") as f2

,open("file3.txt","w") as f3:  
 f3.write(f1.read())  
 f3.write("\n")  
 f3.write(f2.read())

8. with open("example.txt", "r") as file:  
 unique\_lines=set(file.readlines())  
 for line in unique\_lines:  
 print(line.strip())

9. keyword="python"  
with open("example.txt","r") as f:  
 for line in f:  
 if keyword in line:  
 print(line.strip())

10. n=2  
with open("example.txt","r") as f:  
 lines=f.readlines()  
 for line in lines[-n:]:  
 print(line.strip())

11. from collections import Counter  
with open("example.txt","r") as f:  
 words = f.read().lower().split()  
 freq=Counter(words)  
 for word,count in freq.items():  
 print(f"{word}: {count}")

12. lines=["Apple","Banana","Cherry"]  
with open("fruits.txt","w") as file:  
 for line in lines:  
 file.write(line)