Questions-1

1. What is the difference between FileReader and BufferedReader?
2. How do you create a new file in Java?
3. How do you handle exceptions when performing file I/O operations in Java? Provide an example.
4. What is the difference between FileInputStream and FileOutputStream? When would you use each?
5. Write a Java program to read a text file line by line and print each line to the console.
6. How do you append data to an existing file in Java?
7. Write a Java program to copy the contents of one file to another.
8. Describe how you would handle large files that do not fit into memory when reading them in Java.
9. How do you recursively list all files in a directory and its subdirectories? Provide a code example.
10. Write a Java program to merge the contents of multiple text files into a single text file.
11. Write a Java program to search for a specific word in a text file and count its occurrences
12. Write a Java program to create a user registration system that stores user details (username, hashed password, email) in a CSV file. Implement methods for registration and login.
13. Create a Java program to simulate a user login system. The program should prompt the user for a username and password, verify the credentials against stored data, and display a success or failure message.
14. Write a Java program that implements a basic bank account balance checking system. The program should:
15. Read user credentials from a CSV file (users.csv) containing username and hashed password pairs.

Prompt the user to enter their username and password.

Validate the entered credentials against the data stored in the CSV file.

If the credentials are valid, allow the user to check their bank account balance.

Display an appropriate message if the credentials are invalid or if the user is not found in the CSV file.