**Problem Statement**

As a developer, write a Java code to read, write, and append to a file.

**Algorithm**

1. Start do-while loop
2. Print “File Handling Menu”
3. Print “1. Read a file, 2. Write a file, 3. Append a file, 4. Exit”
4. Print “Enter your choice”
5. Read c
6. If c==1, call readfile()
7. Declare a string variable fname to read file name
8. Print “Enter file name”
9. Read fname
10. Create object of File named file
11. If (file.exists())
12. Create object of FileReader called reader and pass file into it
13. Start while loop with condition i=reader.read()!=-1
14. Print “(char)i”
15. reader.close()
16. Else print “File not found”
17. Break
18. If c==2, call writefile()
19. Declare a string variable fname1 to read file name
20. Print “Enter file name”
21. Read fname1
22. Declare a string variable overwrite
23. Create object of File named file1
24. If (file1.exists())
25. Create object of FileWriter called writer and pass file1 into it
26. Print “Enter text to overwrite”
27. Read overwrite
28. writer.write(overwrite)
29. writer.close()
30. Print “File Overwritten, please check"
31. Else print “File not found”
32. Break
33. If c==3, call appendfile()
34. Declare a string variable fname1 to read file nam2
35. Print “Enter file name”
36. Read fname2
37. Declare a string variable text
38. Create object of File named file2
39. If (file2.exists())
40. Create object of FileWriter called append and pass (file2, true) into it
41. Create object of BufferedWriter called ap and pass append into it
42. Print “Enter text to be appended at the end of the file”
43. Read text
44. ap.write(text)
45. ap.close()
46. Print “File Appended, please check"
47. Else print “File not found”
48. Break
49. If c==4, print “Exited”
50. Break
51. If c!=(1-4), print “Please enter valid choice”
52. Break
53. End do-while loop with condition while(c!=4)