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//File Handling Practice Programs
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```
package com.practice.java8;
```

```
import java.io.BufferedReader;
import java.io.BufferedWriter;
import java.io.File;
import java.io.FileInputStream;
import java.io.FileNotFoundException;
import java.io.FileOutputStream;
import java.io.FileReader;
import java.io.FileWriter;
import java.io.IOException;
import java.io.InputStream;
import java.io.OutputStream;
import java.io.RandomAccessFile;
import java.io.Reader;
import java.nio.file.Paths;
import java.util.Map.Entry;
import java.util.Properties;
import java.util.Scanner;
import java.util.concurrent.Delayed;
```

```
public class FileHandling {
```

```
    public static void main(String[] args) {
```

```
        FileHandling fh = new FileHandling();
        fh.createFolder("D:\\FileHandlingDemo\\MyDocs");
        fh.createSubFolder("D:\\FileHandlingDemo\\MyDocs\\Reports");
        fh.createSubFoldersinOneGo();
        fh.createNewFile();
        fh.writingContent();
        fh.createDynamicFile();
        File basefolder = new File("D:\\FileHandlingDemo\\MyDocs");
        System.out.println("Scanning folder :: " + basefolder.getAbsolutePath());
        fh.scanFiles(basefolder);
        fh.listingTextFiles(basefolder);
        fh.performRenameDelete();
        fh.performingRenameDelete();
        fh.fileReadingWritingDemo();
        fh.fileReadingWritingDemoWithCharArray();
        fh.copyFileWithLineNumbers();
        fh.appendAndCountSentencesInFile();
        fh.copyImageFile();
        fh.searchWordInFile();
        fh.propertiesDemo();
        fh.mergeFiles();
        fh.splitFile();
        fh.randomAccessDemo();
```

```
    }
```

```

70
71  /*1. Write a program that checks if a folder named MyDocs exists in your project
72  directory.
73  If it does not exist, create it.
74  Print whether the folder was newly created or already existed.
75  */
76  public void createFolder(String folderpath) {
77
78      File file = new File(folderpath);
79      if(!file.exists()) {
80          System.out.println("Folder does not exist..Creating new Folder...");
81          boolean created = file.mkdir();
82          System.out.println("Folder created :: " + created);
83      }
84      else {
85          System.out.println("Folder already exist!");
86      }
87  }
88
89
90  /*2. Inside MyDocs, create a subfolder Reports.
91  Ensure the program creates both folders if they don't exist.
92  Print the full absolute path of the Reports folder.*/
93
94  public void createSubFolder(String folderpath) {
95
96      File file = new File(folderpath);
97      if (!file.exists()) {
98          System.out.println("Folder/Sub folder missing...creating new folder...");
99          boolean created = file.mkdirs();
100          if (created) {
101              System.out.println("Folder/Subfolder successfully created.");
102          } else {
103              System.out.println("Failed to create Folder/Subfolder.");
104          }
105      } else {
106          System.out.println("Folder/Subfolder already exists! ");
107      }
108      System.out.println("Full path :: " + file.getAbsolutePath());
109  }
110
111
112
113  /*3. Create a folder structure like this in one execution
114  MyDocs
115  └── 2025
116  │   ├── Jan
117  │   ├── Feb
118  │   └── Mar    */
119  public void createSubFoldersinOneGo() {
120      File base = new File("D:\\FileHandlingDemo\\MyDocs\\2025");
121      if(!base.exists()) {
122          boolean created = base.mkdirs();
123          System.out.println("Base folder created: " + created);
124      }
125      String[] months = {"Jan" , "Feb" , "Mar"};
126      for(String month : months) {
127          File sub = new File(base, month);
128          if(!sub.exists()) {
129              boolean created = sub.mkdir();
130              System.out.println("Created " + sub.getAbsolutePath() + " :: " + created
131              );
132          }
133          else {
134              System.out.println(sub.getAbsolutePath() + " already exists.");
135          }
136      }
137  }

```

```

137
138
139 /*4. Inside MyDocs, create a text file named notes.txt.
140 If it already exists, print a message saying so.
141 Otherwise, create it and write "Hello File Handling!" inside.
142 */
143
144 public void createNewFile() {
145
146     File file = new File("D:\\FileHandlingDemo\\MyDocs\\note.txt");
147     if (!file.exists()) {
148         System.out.println("File doesn't exist..Creating a new file!");
149         try {
150             boolean created = file.createNewFile();
151             if (created)
152                 System.out.println("File created successfully!");
153
154             try (FileWriter writer = new FileWriter(file)) {
155                 writer.write("Hello file handling!");
156                 System.out.println("Content written successfully.");
157             }
158         } catch (IOException e) {
159             e.printStackTrace();
160         }
161     } else {
162         System.out.println("File already exists!");
163     }
164 }
165
166
167
168 /*5. In the folder MyDocs/Reports, create three files:
169 report1.txt , report2.txt, summary.txt
170 Write some dummy content in each.
171 */
172
173 public void writingContent() {
174
175     File base = new File("D:\\FileHandlingDemo\\MyDocs\\Reports");
176     if (!base.exists()) {
177         System.out.println("Folder doesn't exist..Creating new folder...");
178         boolean craeted = base.mkdirs();
179         System.out.println("Base folder :: " + craeted);
180     }
181     else {
182         System.out.println("Base foldr alreday exists :: " + base.getAbsolutePath());
183     }
184     String[] files = {"report1.txt" , "report2.txt" , "summary.txt"};
185     for (String filename : files) {
186         File sub = new File(base, filename);
187         if (!sub.exists()) {
188             try {
189                 boolean created =sub.createNewFile();
190                 if(created) {
191                     try (FileWriter writer = new FileWriter(sub)){
192                         writer.write("This is dummy content for " + sub.getName());
193                         System.out.println("Content written to " + sub.getName());
194                     }
195                 }
196             } catch (IOException e) {
197                 e.printStackTrace();
198             }
199         }
200         else {
201             System.out.println("File already exists: " + sub.getName());
202         }
203     }
204 }
205

```

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206
207
208 /*6. Dynamic File Creation - Ask the user for a folder name (e.g., Projects).
209 Create that folder inside MyDocs.
210 Inside it, create README.txt with the content:This is the <folderName> project
    folder.
211 */
212
213 public void createDynamicFile() {
214
215     Scanner sc = new Scanner(System.in);
216     System.out.println("Hey User, Enter the folder name : ");
217     String folderName = sc.nextLine();
218
219     File folder = new File("D:\\FileHandlingDemo\\MyDocs\\" + folderName);
220
221     if (!folder.exists()) {
222         System.out.println("Folder doesn't exist! Creating new subfolder...");
223         boolean created = folder.mkdirs();
224         System.out.println("Folder created successfully!" + created);
225     } else {
226         System.out.println("Folder already exists!");
227     }
228     File readme = new File(folder, "README.txt");
229     try (FileWriter writer = new FileWriter(readme)) {
230         writer.write("This is the " + folderName + " project folder");
231         System.out.println("README.txt created with content!");
232     } catch (IOException e) {
233         e.printStackTrace();
234     }
235 }
236
237
238
239 /*7. Check & Report
240 Write a program that scans MyDocs and lists:
241 All subfolders
242 All files (with full path)*/
243
244 public void scanFiles(File base) {
245
246     if (!base.exists()) {
247         System.out.println("Folder not found!");
248         return;
249     }
250     File[] fileFolders = base.listFiles();
251     if (fileFolders == null || fileFolders.length == 0) {
252         System.out.println("No Folders/Files found!");
253     }
254     for (File f : fileFolders) {
255         if (f.isDirectory()) {
256             System.out.println("SubFolder :: " + f.getAbsolutePath());
257             scanFiles(f);
258         } else if (f.isFile())
259             System.out.println("File :: " + f.getAbsolutePath());
260     }
261 }
262
263
264
265 /*8. Writing a program for Listing only text files and
266 * listing files which is greater than >100KB */
267
268 public void listingTextFiles(File basefolder) {
269     if (!basefolder.exists()) {
270         System.out.println("No Folders/Files found! ");
271     }
272
273     File[] fa = basefolder.listFiles();

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274
275     for (File f : fa) {
276         if (f.isFile()) {
277             String fname = f.getName();
278             /*int pos = fname.lastIndexOf(".");
279             String str = fname.substring(pos + 1, fname.length());
280             if (str.equals("txt")) {
281                 System.out.println("1.." + fname);
282             }*/
283             if (fname.toLowerCase().endsWith(".txt")) {
284                 System.out.println("1.." + fname);
285             }
286             if (f.length() > 100000 ) {
287                 System.out.println("Large File (>100KB) :: " + fname + " / size : " +
288                     f.length() + " bytes");
289             }
290         }
291     }
292
293
294
295     /* 9. Write a Java program that:
296     Creates a file named draft.txt inside D:\FileHandlingDemo\MyDocs.
297     Renames this file to final.txt. Deletes the renamed file.
298     At each step (create, rename, delete), print whether the operation was successful or
299     failed. */
300
301     public void performRenameDelete() {
302
303         File draftedFile = new File("D:\\FileHandlingDemo\\MyDocs\\draft.txt");
304         if (draftedFile.exists()) {
305             boolean deleted = draftedFile.delete();
306             System.out.println("Old draft.txt file deleted :: " + deleted);
307         }
308         try {
309             boolean created = draftedFile.createNewFile();
310             System.out.println("New File created successfully " + created);
311             File finalFile = new File("D:\\FileHandlingDemo\\MyDocs\\final.txt");
312             boolean renamed = draftedFile.renameTo(finalFile);
313             System.out.println("File is renamed successfully :: " + renamed);
314
315             if (finalFile.exists()) {
316                 boolean deleted = finalFile.delete();
317                 System.out.println("Renamed file is deleted successfully :: " + deleted);
318             }
319         } catch (IOException e) {
320             e.printStackTrace();
321         }
322     }
323
324
325
326     /*10. Write a Java program that:
327     Creates a folder named TempData inside D:\FileHandlingDemo\MyDocs.
328     Renames this folder to ArchiveData.
329     Asks the user: "Do you really want to delete ArchiveData? (yes/no)"
330     If the user answers yes and the folder is empty → delete it.
331     If the folder is not empty, display a warning: "Folder is not empty, cannot
332     delete!"*/
333
334     public void performingRenameDelete() {
335
336         File tempFolder = new File("D:\\FileHandlingDemo\\MyDocs\\tempFolder");
337         if (tempFolder.exists()) {
338             boolean oldFolder = tempFolder.delete();
339             System.out.println("Old tempFolder is deleted : " + oldFolder);
340         }
341     }

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340         boolean created = tempFolder.mkdir();
341         System.out.println("New tempFolder created : " + created);
342
343         File archiveFolder = new File("D:\\FileHandlingDemo\\MyDocs\\ArchiveData");
344         boolean renamed = tempFolder.renameTo(archiveFolder);
345         System.out.println("Folder is renamed : " + renamed);
346
347         System.out.println("Do you want to delete ArchiveData? (yes/no)");
348         Scanner input = new Scanner(System.in);
349         String yesOrNo = input.nextLine();
350
351         if (yesOrNo.equalsIgnoreCase("yes")) {
352             {
353                 if (archiveFolder.isDirectory() && archiveFolder.list().length == 0) {
354                     boolean deleted = archiveFolder.delete();
355                     System.out.println("Archive folder is deleted : " + deleted);
356                 } else {
357                     System.out.println("Folder is not empty, cannot delete!");
358                 }
359             }
360         } else {
361             System.out.println("Archive folder is not deleted!");
362         }
363     }
364
365
366
367     /* 11. Write a Java program that:
368     Creates a file named greeting.txt inside D:\FileHandlingDemo\MyDocs.
369     Writes the text "Hi Sumathi, how are you?" into this file using FileWriter.
370     Reads the content back from the file using FileReader.
371     Prints the content on the console.
372     Counts the number of characters in the file (excluding spaces and punctuation) and
373     prints the count.*/
374
375     public void fileReadingWritingDemo() {
376
377         File file = new File("D:\\FileHandlingDemo\\MyDocs\\greeting.txt");
378         if (file.exists()) {
379             boolean deleted = file.delete();
380             System.out.println("old file is deleted : " + deleted);
381         }
382
383         try {
384             boolean created = file.createNewFile();
385             System.out.println("new file is created : " + created);
386
387             FileWriter writer = new FileWriter(file);
388             writer.write("Hi Sumathi, How are you?");
389             writer.flush();
390             writer.close();
391
392             FileReader reader = new FileReader(file);
393             int output = reader.read();
394             int charCount = 0;
395             while (output != -1) {
396                 char c = (char) output;
397                 System.out.print(c);
398
399                 if (Character.isLetterOrDigit(c)) {
400                     charCount++;
401                 }
402                 output = reader.read();
403             }
404             reader.close();
405             System.out.println("\n Character count is(excluding spaces and punctuation)
406             : " + charCount);
407         }

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```

407         catch (IOException e) {
408             e.printStackTrace();
409         }
410     }
411 }
412
413
414
415 /*12. Create a file named story.txt inside D:\FileHandlingDemo\MyDocs.
416 Write the following content into it:
417 Once upon a time, there was a developer named Sumathi.
418 She loved learning Java file handling step by step.
419 Now, using FileReader with a char array buffer:
420 Read the file content.
421 Print the content line by line.
422 Count and display:
423 Total number of characters
424 Total number of words      */
425
426 public void fileReadingWritingDemoWithCharArray() {
427
428     File file = new File("D:\\FileHandlingDemo\\MyDocs\\story.txt");
429     if (file.exists()) {
430         boolean deleted = file.delete();
431         System.out.println("Old file is deleted :: " + deleted);
432     }
433     try {
434         boolean created = file.createNewFile();
435         System.out.println("File is created :: " + created);
436
437         FileWriter writer = new FileWriter(file);
438         writer.write("Once upon a time, there was a developer named Sumathi. \r\n"
439             + " She loved learning Java file handling step by step");
440         writer.flush();
441         writer.close();
442
443         FileReader reader = new FileReader(file);
444         /*
445          * // line by line reading //using previous reader method
446          * int output = reader.read();
447          * int charCount = 0;
448          * while (output != -1) {
449          *     charCount++;
450          *     System.out.print((char) output);
451          *     output = reader.read(); }
452          * System.out.println("\nCharacter count is :: " + charCount);
453          * reader.close();
454          */
455
456         char[] ch = new char[(int) file.length()];
457         System.out.println(ch.length);
458         reader.read(ch);
459         for (char ch1 : ch) {
460             System.out.println(ch1);
461         }
462
463     } catch (IOException e) {
464         e.printStackTrace();
465     }
466 }
467
468
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470
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```

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476
477
478 /*13. Create a file named notes.txt inside D:\FileHandlingDemo\MyDocs.
479 Write 3-4 lines of text into it (e.g., some study notes).
480 Read the file line by line using BufferedReader.
481 While reading, write the same lines into a new file named notes_copy.txt,
482 but add line numbers in front of each line.*/
483
484 public void copyFileWithLineNumbers() {
485
486     File file = new File("D:\\FileHandlingDemo\\MyDocs\\notes.txt");
487     File copiedFile = new File("D:\\FileHandlingDemo\\MyDocs\\notes_copy.txt");
488
489     if (file.exists()) {
490         boolean deleted = file.delete();
491         System.out.println("Old file is deleted :: " + deleted);
492     }
493     if (copiedFile.exists()) {
494         boolean deleted = copiedFile.delete();
495         System.out.println("Old file of copied file is deleted :: " + deleted);
496     }
497
498     try {
499         boolean created = file.createNewFile();
500         System.out.println("File is created :: " + created);
501
502         boolean copyCreated = copiedFile.createNewFile();
503         System.out.println("Copied file is created :: " + copyCreated);
504
505         FileWriter fWriter = new FileWriter(file);
506         BufferedWriter bWriter = new BufferedWriter(fWriter);
507
508         FileWriter fWriter2 = new FileWriter(copiedFile);
509         BufferedWriter bWriter2 = new BufferedWriter(fWriter2);
510
511         bWriter.write("Tamil");
512         bWriter.newLine();
513         bWriter.write("English");
514         bWriter.newLine();
515         bWriter.write("Mathematics");
516         bWriter.flush();
517         bWriter.close();
518
519         FileReader fReader = new FileReader(file);
520         BufferedReader bReader = new BufferedReader(fReader);
521
522         String line = bReader.readLine();
523         int lineCount = 0;
524         while (line != null) {
525             lineCount++;
526             bWriter2.write("" + lineCount + "." + line);
527             bWriter2.newLine();
528             System.out.println(line);
529             line = bReader.readLine();
530         }
531         bWriter2.flush();
532         bWriter2.close();
533         bReader.close();
534
535         System.out.println("File copied successfully with line numbers. Total lines
536                             = " + lineCount);
537     } catch (IOException e) {
538         e.printStackTrace();
539     }
540 }
541
542
543

```



```
544      /*14. Create a file named journal.txt inside D:\FileHandlingDemo\MyDocs.
545      Write some initial content into the file using FileWriter (e.g., "Today is a good
546      day. I practiced Java file handling. ").
547      Now, manually edit the file and add more sentences.
548      Read the entire file back using BufferedReader.
549      While reading, print all file content.
550      Also, count how many sentences , words, characters are present in the file (hint:
551      split by ., ?, or !)
552      Print the total number of sentences, words, char at the end.*/
553
554      public void appendAndCountSentencesInFile() {
555
556          File file = new File("D:\\FileHandlingDemo\\MyDocs\\journal.txt");
557
558          try {
559              file.createNewFile();
560              BufferedWriter bWriter = new BufferedWriter(new FileWriter(file, true));
561              bWriter.write("Today is a good day. I practiced Java file handling.");
562              bWriter.newLine();
563              bWriter.flush();
564              bWriter.close();
565
566              FileReader fReader = new FileReader(file);
567              BufferedReader bReader = new BufferedReader(fReader);
568              String line = bReader.readLine();
569              int lineCount = 0;
570              int sentenceCount = 0;
571              int wordCount = 0;
572              int charCount = 0;
573              while (line != null) {
574                  String[] sentence = line.trim().split("[.?!]");
575                  sentenceCount = sentenceCount + sentence.length;
576
577                  String[] word = line.split(" ");
578                  wordCount = wordCount + word.length;
579
580                  System.out.println(line);
581
582                  charCount = charCount + line.length();
583
584                  lineCount++;
585                  line = bReader.readLine();
586              }
587
588              bReader.close();
589              System.out.println("No of lines " + lineCount);
590              System.out.println("No of sentences " + sentenceCount);
591              System.out.println("No of words " + wordCount);
592              System.out.println("No of characters " + charCount);
593
594          }
595
596          catch (IOException e) {
597              e.printStackTrace();
598          }
599
600      }
601
602
603
604
605
606
607
608
609
610
```

```

611  /*15. Write a Java program that reads an image file (e.g., photo.jpg) from a given
612  location and
        * creates an exact copy of it in the same folder with a new name (e.g.,
        photo_copy.jpg). */
613
614  public void copyImageFile() {
615
616      try {
617          InputStream input = new FileInputStream("D:\\My Life.png");
618          OutputStream output = new FileOutputStream("D:\\Always.png");
619          int content = input.read();
620          while (content != -1) {
621              output.write(content);
622              content = input.read();
623          }
624          output.flush();
625      } catch (FileNotFoundException e) {
626          e.printStackTrace();
627      } catch (IOException e) {
628          e.printStackTrace();
629      }
630
631  }
632
633
634  /* 16. Write a Java program that:
635  Reads a .txt file (e.g., story.txt) line by line.
636  Asks the user to input a word to search.
637  Searches for the word in each line (case-insensitive).
638  Prints the line numbers where the word is found.
639  If the word is not found in the entire file → print "Word not found!".*/
640
641  public void searchWordInFile() {
642
643      File file = new File("D:\\FileHandlingDemo\\MyDocs\\story.txt");
644
645      if (!file.exists()) {
646          System.out.println("Folder not found!");
647          return;
648      }
649      Scanner sc = new Scanner(System.in);
650      System.out.println("Enter the word to search!");
651      String input = sc.nextLine().toLowerCase();
652      sc.close();
653
654      try {
655          FileReader fReader = new FileReader(file);
656          BufferedReader bReader = new BufferedReader(fReader);
657
658          String line = bReader.readLine();
659          int lineNo = 1;
660          int wordCount = 0;
661          boolean found = false;
662          while (line != null) {
663
664              String[] word = line.toLowerCase().split(" ");
665              for (String w : word) {
666                  if (w.contains(input)) {
667                      System.out.println("The word " + input + " found at the " +
668                          lineNo + ":" + line);
669                      found = true;
670                      wordCount++;
671                  }
672              }
673              lineNo++;
674              line = bReader.readLine();
675          }
676          lineNo++;
677          line = bReader.readLine();

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```

677         bReader.close();
678         fReader.close();
679
680         if (!found) {
681             System.out.println("Word not found in the file!");
682         } else {
683             System.out.println("The word '" + input + "' occurred " + wordCount + "
684                 times in the file.");
685         }
686
687         catch (FileNotFoundException e) {
688             e.printStackTrace();
689         } catch (IOException e) {
690             e.printStackTrace();
691         }
692
693     }
694
695
696
697     /* 17. Create a program to manage application configuration settings using a
698     .properties file.
699     Create a file named config.properties.
700     Add entries like:
701     db.username=admin
702     db.password=12345
703     db.url=jdbc:oracle:thin:@localhost:1521:xe
704     Write a Java program that will:
705     Read values from the config.properties file (print them on console).
706     Update a property value (for example, change the db.password).
707     Save the updated properties back into the same file. */
708
709     public void propertiesDemo() {
710
711         File file = new File("D:\\FileHandlingDemo\\MyDocs\\config.properties");
712
713         Properties prop = new Properties();
714         try {
715             if (file.exists()) {
716                 FileInputStream fis = new FileInputStream(file);
717                 prop.load(fis);
718                 fis.close();
719             }
720             System.out.println("Current properties ::: ");
721
722             for (Object keyObj : prop.keySet()) {
723                 String key = (String) keyObj;
724                 String value = prop.getProperty(key);
725                 System.out.println("key" + "=" + key + " :: " + "value" + "=" + value);
726             }
727             prop.setProperty("db.username", "system");
728             prop.setProperty("db.password", "234");
729             prop.setProperty("db.url", "jdbc:oracle:thin:@localhost:1521:orcl");
730
731             FileOutputStream fos = new FileOutputStream(file);
732             prop.store(fos, "DB Configuration");
733             fos.close();
734
735             System.out.println("\n Updated properties saved to file..!");
736         } catch (FileNotFoundException e) {
737             e.printStackTrace();
738         } catch (IOException e) {
739             e.printStackTrace();
740         }
741     }
742
743

```

```

744
745 /*18. Merge Files
746 You have 3 text files: file1.txt , file2.txt ,file3.txt
747 Write a Java program to merge their contents into a single file named merged.txt.
748 Make sure each file's content starts on a new line in the merged file.*/
749
750 public void mergeFiles() {
751
752     String[] sourceFiles = { "D:\\FileHandlingDemo\\MyDocs\\file1.txt",
753                             "D:\\FileHandlingDemo\\MyDocs\\file2.txt",
754                             "D:\\FileHandlingDemo\\MyDocs\\file3.txt" };
755
756     String mergedFile = "D:\\FileHandlingDemo\\MyDocs\\merged.txt";
757
758     try {
759         BufferedWriter writer = new BufferedWriter(new FileWriter(mergedFile));
760
761         for (String src : sourceFiles) {
762             FileReader fr = new FileReader(src);
763             BufferedReader br = new BufferedReader(fr);
764
765             String line;
766             while ((line = br.readLine()) != null) {
767                 writer.write(line);
768                 writer.newLine();
769             }
770
771             writer.newLine();
772             br.close();
773             fr.close();
774         }
775
776         writer.close();
777         System.out.println("Files merged successfully into: " + mergedFile);
778     } catch (IOException e) {
779         e.printStackTrace();
780     }
781 }
782
783
784
785 /*19. Split File
786 Take a large text file (say merged.txt).
787 Write a Java program to split it into multiple smaller files of N lines each
788 (example: split every 5 lines into a new file like part1.txt, part2.txt, ...).*/
789
790 public void splitFile() {
791     String sourceFile = "D:\\FileHandlingDemo\\MyDocs\\merged.txt";
792     int linesPerFile = 5;
793
794     try {
795         BufferedReader reader = new BufferedReader(new FileReader(sourceFile));
796
797         String line;
798         int fileCount = 1;
799         int lineCount = 0;
800
801         BufferedWriter writer = new BufferedWriter(
802             new FileWriter("D:\\FileHandlingDemo\\MyDocs\\split_" + fileCount +
803                             ".txt"));
804
805         while ((line = reader.readLine()) != null) {
806             writer.write(line);
807             writer.newLine();
808             lineCount++;
809
810             if (lineCount == linesPerFile) {
811                 writer.close();

```

```

811         fileCount++;
812         lineCount = 0;
813
814         writer = new BufferedWriter(
815             new FileWriter("D:\\FileHandlingDemo\\MyDocs\\split_" +
                        fileCount + ".txt"));
816     }
817 }
818
819 writer.close();
820 reader.close();
821
822 System.out.println("File split into " + fileCount + " parts successfully.");
823
824 } catch (IOException e) {
825     e.printStackTrace();
826 }
827 }
828
829
830
831 /*20. Create a program using RandomAccessFile that:
832 Writes some text to a file.
833 Reads content from the beginning.
834 Moves the file pointer to a specific position (say 10th byte) and writes new data.
835 Reads the file again to show the updated content.*/
836
837 public void randomAccessDemo() {
838
839     try {
840         RandomAccessFile raf = new RandomAccessFile(
841             "D:\\FileHandlingDemo\\MyDocs\\random.txt", "rw");
842
843         raf.writeUTF("Hello, This is a RandomAccess Demo by Sumathi!");
844
845         raf.seek(0);
846         System.out.println("Reading from Start.....");
847         System.out.println(raf.readUTF());
848
849         raf.seek(10);
850         raf.writeUTF("inserted text");
851
852         raf.seek(0);
853         System.out.println("\nReading after update: ");
854         System.out.println(raf.readUTF());
855
856         raf.close();
857
858     } catch (IOException e) {
859         e.printStackTrace();
860     }
861 }
862
863 }
864
865
866 //Prepared By : Sumathi R
867 //https://www.linkedin.com/in/sumathi1989/
868

```