/* Write a JAVA program to append the contents to an existing file */

```java
import java.io.*;

class Append {
        public static void main(String[] args)
        {
                String str;
                BufferedReader br = new BufferedReader(new InputStreamReader(System.in));

                System.out.println("Enter text ('stop' to quit).");
                try ( FileWriter fw = new FileWriter("knr.txt",true)){
                        do {
                                System.out.print(": ");
                                str = br.readLine();
                                if(str.compareTo("stop") == 0) break;
                                str = str + "\r\n"; // add newline
                                fw.write(str);
                                } while(str.compareTo("stop") != 0);
                }
                catch(IOException exc) {
                                System.out.println("I/O Error: " + exc);
                }
        }
}
```

/* Write a JAVA program to compare two files*/

```java
import java.io.*;

class Compare{
        public static void main(String[] args)
        {
                int c1,c2;
                try ( BufferedReader f1 = new BufferedReader(new FileReader("file1.txt"));
                BufferedReader f2 = new BufferedReader(new FileReader("file2.txt"))){
                        do {
                                c1 = f1.read();
                                c2 = f2.read();
                                if(c1!=c2) break;
                        } while(c1!=-1&&c1!=-1);
                        if(c1!=c2)
                                System.out.println("two files are different");
                        else
                                System.out.println("two files are same");
                }
                catch(IOException exc) {
                        System.out.println("I/O Error: " + exc);
                }
        }
}
```

/* Write a JAVA program to merge two files to a third file */

```java
import java.io.*;

class Merge{
        public static void main(String[] args)
        {
                String str;
                try ( BufferedReader f1 = new BufferedReader(new FileReader("file1.txt"));
                BufferedReader f2 = new BufferedReader(new FileReader("file2.txt"));
                FileWriter f3 = new FileWriter("file3.txt",true)){
                        do {
                                str = f1.readLine();
                                if(str!= null) {
                                        str = str + "\r\n"; // add newline
                                        f3.write(str);
                                }
                        } while(str!=null);
                        do {
                                str = f2.readLine();
                                if(str!= null) {
                                        str = str + "\r\n"; // add newline
                                        f3.write(str);
                                }
                        } while(str!=null);
                }
                catch(IOException exc) {
                        System.out.println("I/O Error: " + exc);
                }
        }
}
```