SOLUCIÓN EJERCICIO 3

```java
public static void main(String[] args) {
    // TODO code application logic here
    BufferedWriter bf = null;
    Scanner entrada = new Scanner(System.in, "ISO-8859-1");

    try {
        bf = new BufferedWriter(new FileWriter("palabras.txt"));
        //bucle para pedir cadenas al usuario
        while (true){
            System.out.print("Cadena: ");
            String cadena = entrada.next();
            if (cadena.toLowerCase().equals("fin"))
                break;
            bf.write(cadena);
            bf.newLine();
        }
    } catch (IOException ex) {
        System.out.println(ex.getMessage());
    } finally {
        try {
            bf.close();
        } catch (IOException ex) {
            System.out.println(ex.getMessage());
        }
    }
}
```