

First I started by taking user inputs, namely the path of the file in which would be manipulated, the word that the user is searching for, and finally the word meant for replacing all instances of the searched word.

```
public class FileAndReplace {
    public static void main(String[] args) {
        String pth, wrd, rWrd;
        File dataFile;
        FileReader in;
        FileWriter out;
        BufferedReader readFile;
        BufferedWriter writeFile;
        String currentLine;
        Boolean fL = true;
        String txtFl = "";

        Scanner input = new Scanner(System.in);

        System.out.println("Enter path: ");
        pth = input.next();

        System.out.println("What word do you wish to search for?: ");
        wrd = input.next();

        System.out.println("What is your replacement word?: ");
        rWrd = input.next();

        //read File
```

I then enacted my first try statement for the job of reading the file line by line and compiled all the data into one string for easy manipulation.

```
//read File

try {
    dataFile = new File(pth);
    in = new FileReader(dataFile);
    readFile = new BufferedReader(in);

    while((currentLine = readFile.readLine()) != null)
    {
        currentLine = currentLine.replaceAll(wrd, rWrd);

        if(fL)
        {
            txtFl += currentLine;
            fL = false;
        }

        else
        {
            txtFl += "\n" + currentLine;
        }
    }

    readFile.close();
    in.close();
}
```

Then my first catch statements

```
//exceptions

catch (FileNotFoundException e)
{
    System.out.println("File does not exist or could not be found.");
    System.err.println("FileNotFoundException: " + e.getMessage());
}
catch (IOException e)
{
    System.out.println("Problem ready file");
    System.err.println("IOException: " + e.getMessage());
}
```

The final try catch statement is the substitution of the new words for the old/writing to file.

```
//Write into file

try {
    dataFile = new File(pth);
    out = new FileWriter(dataFile);
    writeFile = new BufferedWriter(out);

    writeFile.write(txtFl);

    writeFile.close();
    out.close();
}

//exceptions

catch (FileNotFoundException e)
{
    System.out.println("File does not exist or could not be found.");
    System.err.println("FileNotFoundException: " + e.getMessage());
}
catch (IOException e)
{
    System.out.println("Problem ready file");
    System.err.println("IOException: " + e.getMessage());
}
}
```