

## ASSIGNMENT(27-07-2023)

**Name:** Santhosh S

### **BUFFERED READER CLASS:**

**Buffered reader class** is used to read the text from a character – based input stream. It can be used to read data line by line by **readLine()** method.

This class is available in **java.io** package.

### **CONSTRUCTERS:**

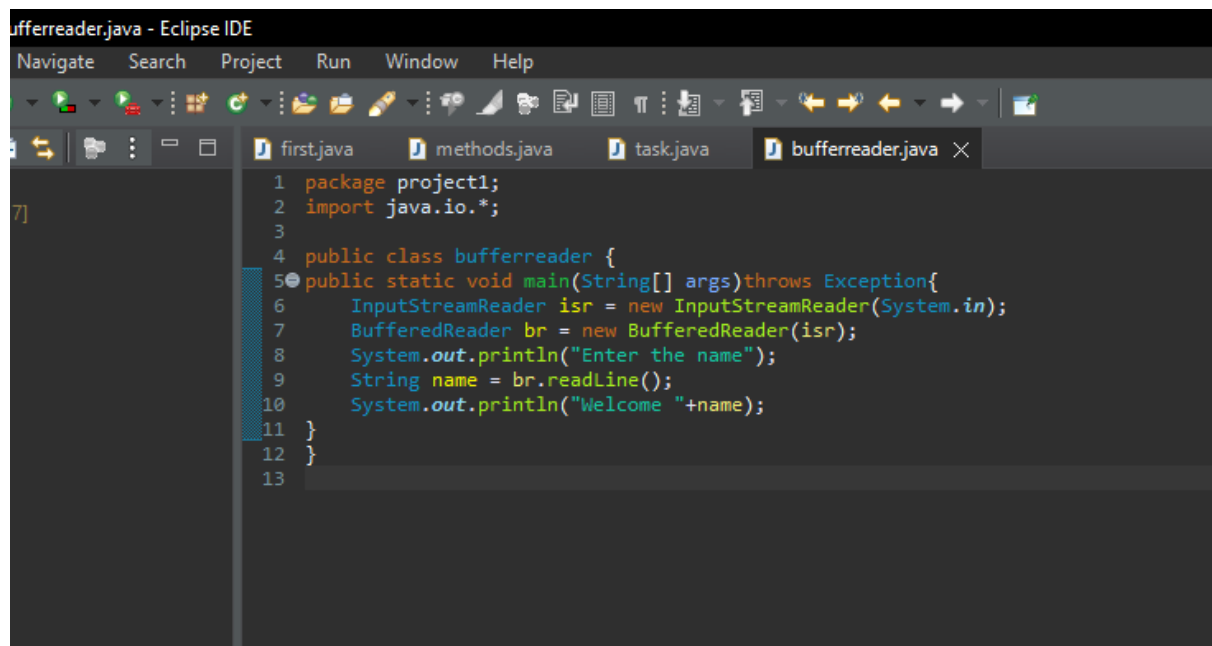
**1.Buffered Reader (Reader rd):** It is used to create a buffered character input stream that uses the default size for an input buffer.

**2.Buffered Reader(Reader rd,int size):** It is used to create a buffered character input stream that uses the specified size for an input buffer.

### **Example:**

**In this Example,** we are connecting the BufferedReader stream with the InputStreamReader stream for reading the line by line data From the keyboard.

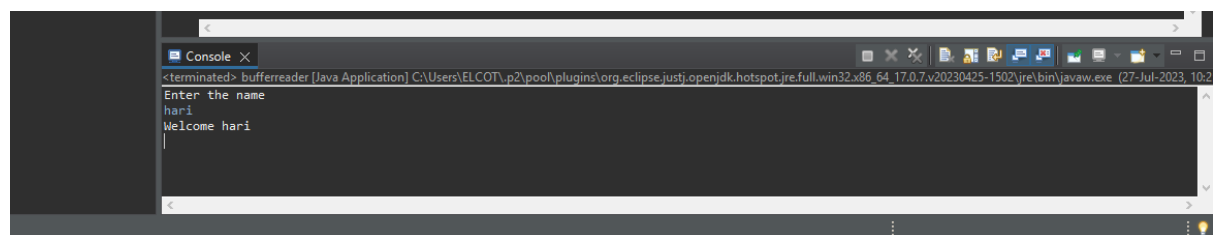
- **InputStreamReader** class is a class to convert data from bytes to character



```
bufferreader.java - Eclipse IDE
Navigate Search Project Run Window Help

1 package project1;
2 import java.io.*;
3
4 public class bufferreader {
5     public static void main(String[] args) throws Exception{
6         InputStreamReader isr = new InputStreamReader(System.in);
7         BufferedReader br = new BufferedReader(isr);
8         System.out.println("Enter the name");
9         String name = br.readLine();
10        System.out.println("Welcome "+name);
11    }
12 }
13
```

**OUTPUT:**



```
Console X
<terminated> bufferreader [Java Application] C:\Users\ELCOT\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.7.v20230425-1502\jre\bin\javaw.exe (27-Jul-2023, 10:2
Enter the name
hari
Welcome hari
```