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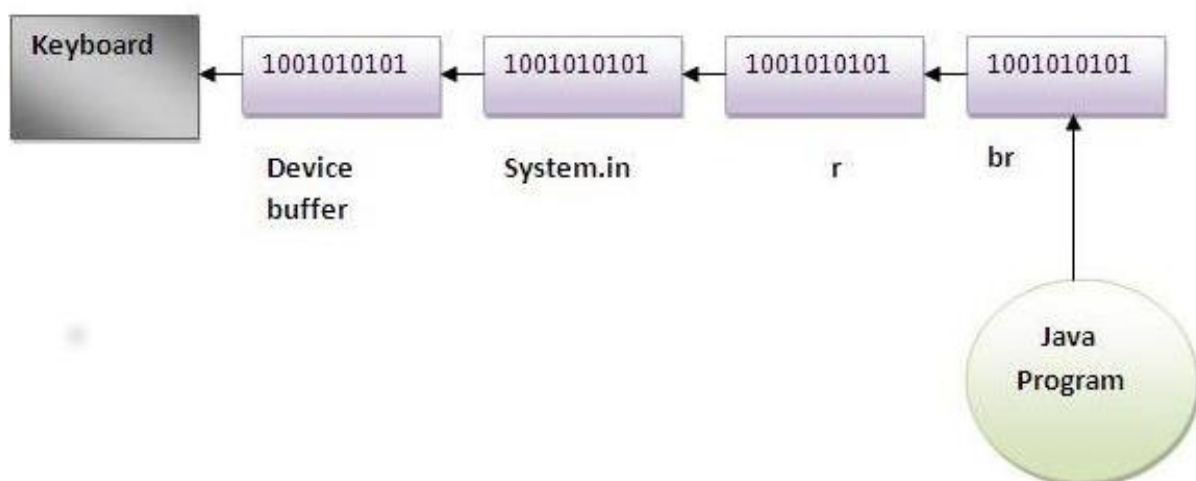
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Assignment

Java 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.



How to take input from Buffered Reader Class:

- The Buffered Reader class of Java is used to read the stream of characters from the specified source (character-input stream). The constructor of this class accepts an Input Stream object as a parameter.
- This class provides a method known as **read Line()** which reads and returns the next line from the source and returns it in String format.
- The **Buffered Reader** class doesn't provide any direct method to read an integer from the user you need to rely on the read Line() method to read integers too. i.e. Initially you need to read the integers in string format.
- The **parse Int()** method of the Integer class accepts a String value, parses it as a signed decimal integer and returns it.

Using this convert the read String value into integer and use. In short, to read integer value-form user using Buffered Reader class –

- Instantiate an **Input Stream Reader** class bypassing your Input Stream object as a parameter.
- Then, create a Buffered Reader, bypassing the above obtained Input Stream Reader object as a parameter.
- Now, read integer value from the current reader as String using the **readLine()** method.
- Then parse the read String into an integer using the parseInt() method of the Integer class.

```
Import java.io.BufferedReader;
```

```
Import java.io.IOException;
```

```
Import java.io.InputStreamReader;
```

Example:

```
Import java.io.BufferedReader;
```

```
Import java.io.IOException;
```

```
Import java.io.InputSteramReader;
```

```
Classs Employee{
```

```
    String name;
```

```
    Int id;
```

```
    Int age;
```

```
Employee(String name, int age, int id){
```

```
    This.name=name;
```

```
    This.age= age;
```

```
    This.id=id;
```

```
}
```

```
Public void displayDetails(){
```

```
    System.out.println("name: "+this.name);
```

```
    System.out.println("Age: "+this.age);
```

```
    System.out.println("id: "+this.id);
```

```
}
```

```
}
```

```
}  
  
Public class RedData {  
    Public static void main(String args[]) throws IOException {  
        BufferedReader reader = new BufferedReader(new  
InputStreamReader(System.in));  
        System.out.println("enter your name: ");  
        String name = reader.readLine();  
        System.out.println("enter your Age: ");  
        Int age = Integer.parseInt( reader.readLine());  
        System.out.println("enter your id: ");  
        Int id = Integer.parseInt (reader.readLine());  
        Employee std = new Employee(name, age, id);  
        Std.displayDetails();  
    }  
}
```