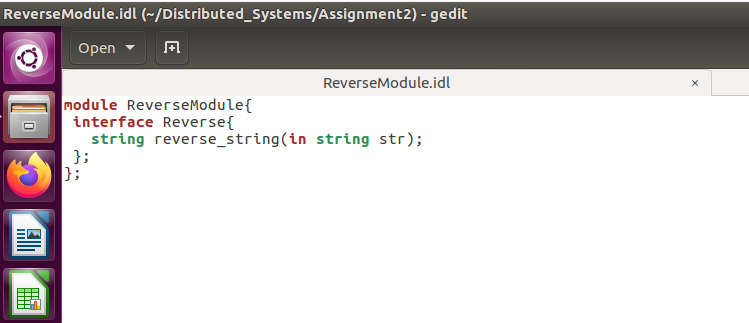
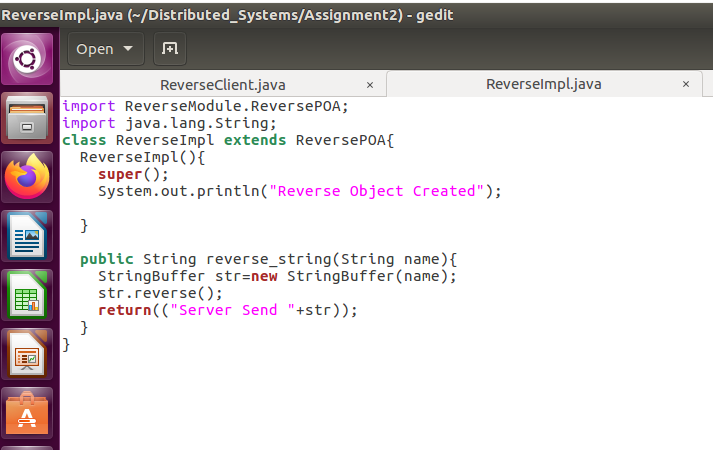
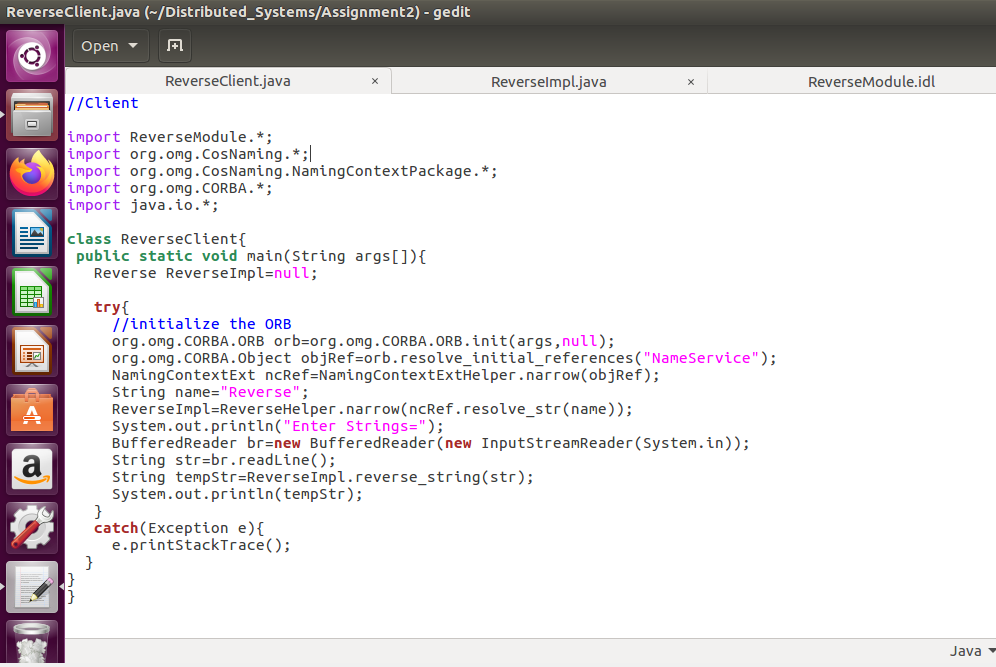
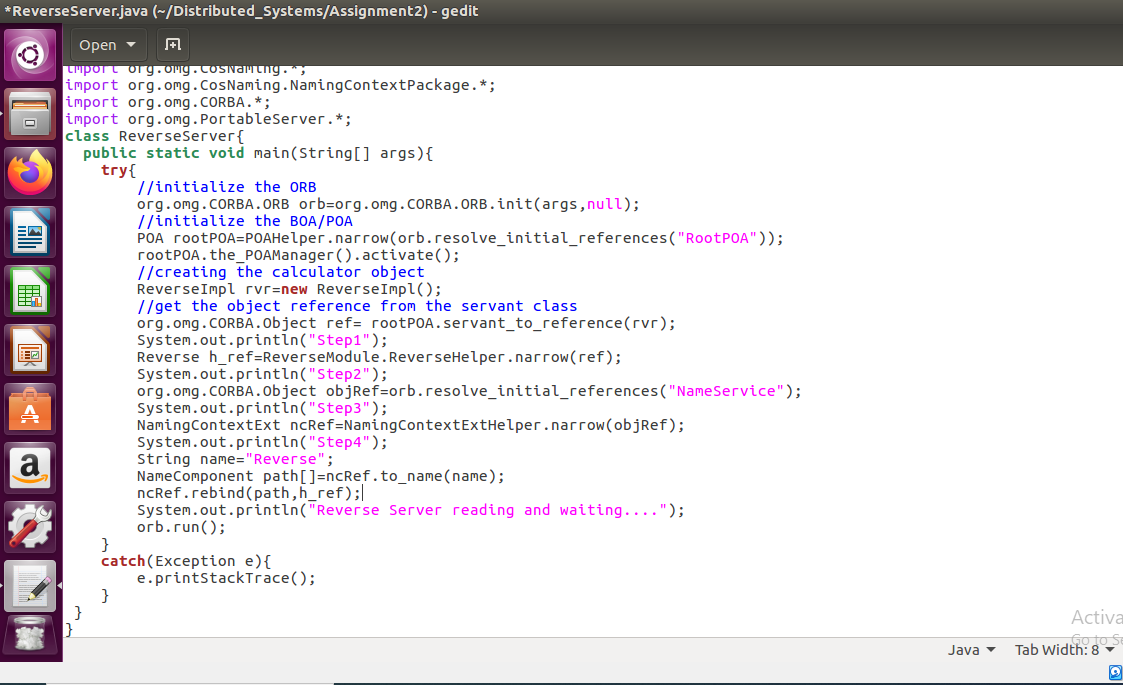
IMPLEMENTATION :









OUTPUT**:**

