**GHULAM ISHAQ KHAN INSTITUTE OF ENGINEERING SCIENCES AND TECHNOLOGY**

A circular logo with text and symbols

Description automatically generated

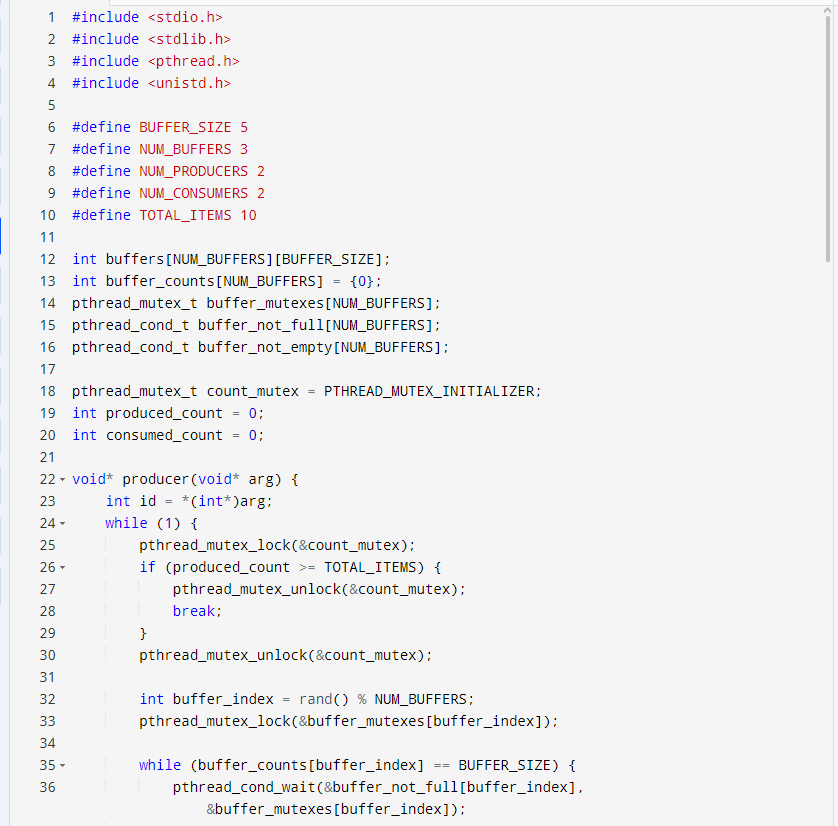
**CS331-L : OPERATING SYSTEMS LAB**

**Lab 11**

**Name:** Muhammad Bilal

**Reg no:** 2022360

**CODE:**



A screenshot of a computer screen

Description automatically generated

A screenshot of a computer program

Description automatically generated

A screenshot of a computer code

Description automatically generated

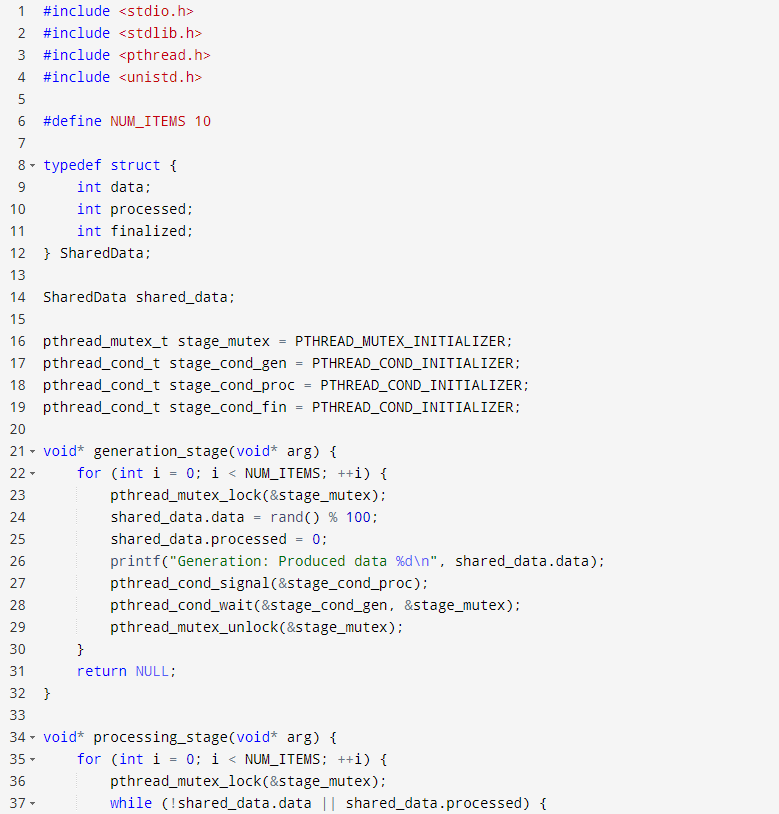
**Output:**

**A screen shot of a computer screen

Description automatically generated**

**TASK2**

**CODE:**

****

**A screenshot of a computer code

Description automatically generated**

**A screen shot of a computer program

Description automatically generated**

**Output:**

****

**TASK3**

**CODE:**

**A screen shot of a computer

Description automatically generated**

**A screenshot of a computer program

Description automatically generated**

**A screen shot of a computer program

Description automatically generated**