**The Bounded Buffer Problem Using Semaphores:**

A computer screen shot of a program

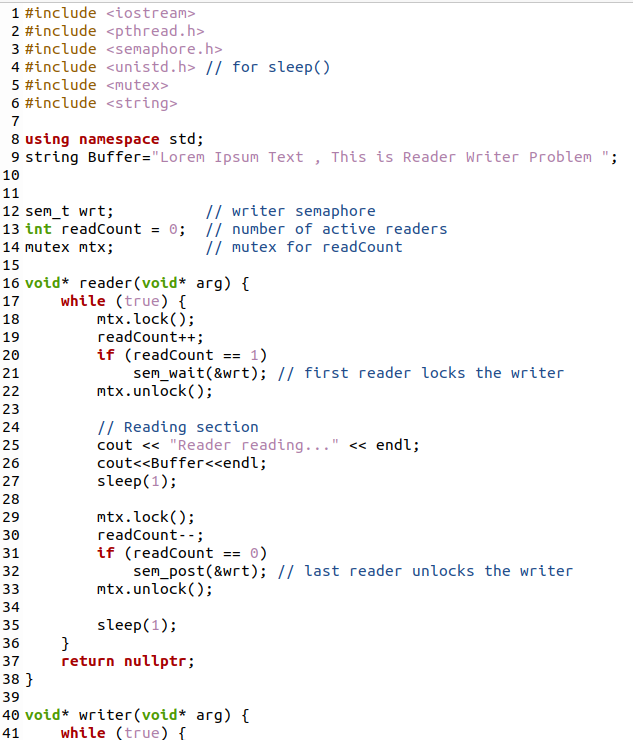
AI-generated content may be incorrect.A computer code with text

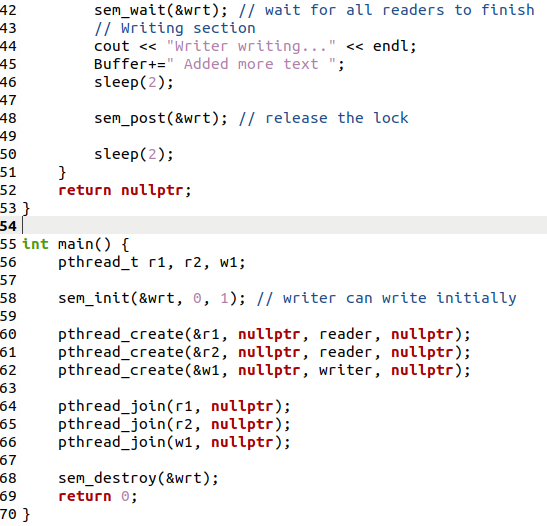
AI-generated content may be incorrect.

A screenshot of a computer program

AI-generated content may be incorrect.

**The Reader Writer Problem Using Semaphores:**

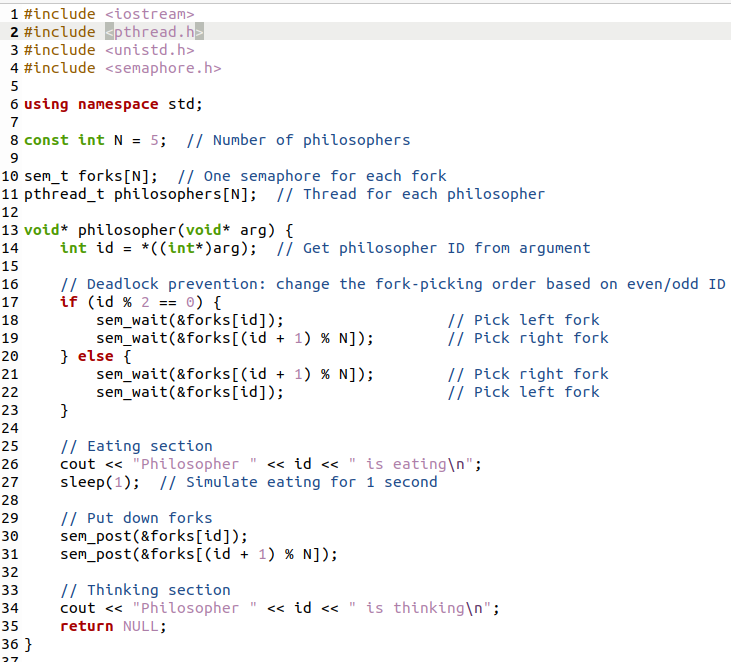




A screenshot of a computer program

AI-generated content may be incorrect.

**The Dining Philosopher Problem:**

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A computer screen shot of text

AI-generated content may be incorrect.

A computer screen shot of a computer screen

AI-generated content may be incorrect.