READER AND WRITER PROBLEM

AIM:

TO WRITE A PROGRAM FOR READER AND WRITER PROBLEM USING C LANGUAGE.

The readers-writers problem relates to an object such as a file that is shared between multiple processes.

Some of these processes are readers i.e. they only want to read the data from the object and some of the processes are writers i.e. they want to write into the object.

The readers-writers problem is used to manage synchronization so that there are no problems with the object data.

ALGORITHM:

Graphical user interface, application, Word

Description automatically generated

PROGRAM:

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

OUTPUT:

Graphical user interface

Description automatically generated with low confidence

RESULT:

READER AND WRITER PROBLEM WAS SUCCESSFULLY EXECUTED USING C LANGUAGE.