BANKER’S ALGORITHM

AIM:

TO WRITE A PROGRAM FOR BANKER’S ALGORITHM USING C LANGUAGE.

**Banker’s Algorithm** is used majorly in the banking system to avoid deadlock. It helps you to identify whether a loan will be given or not.

This algorithm is used to test for safely simulating the allocation for determining the maximum amount available for all resources.

It also checks for all the possible activities before determining whether allocation should be continued or not.

ALGORITHM:

A picture containing calendar

Description automatically generated

PROGRAM:

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Text

Description automatically generated

OUTPUT:

Calendar

Description automatically generated

RESULT:

GIVEN PROGRAM FOR BANKER’S ALGORITHM USING C LANGUAGE WAS SUCCESSFULLY EXECUTED.