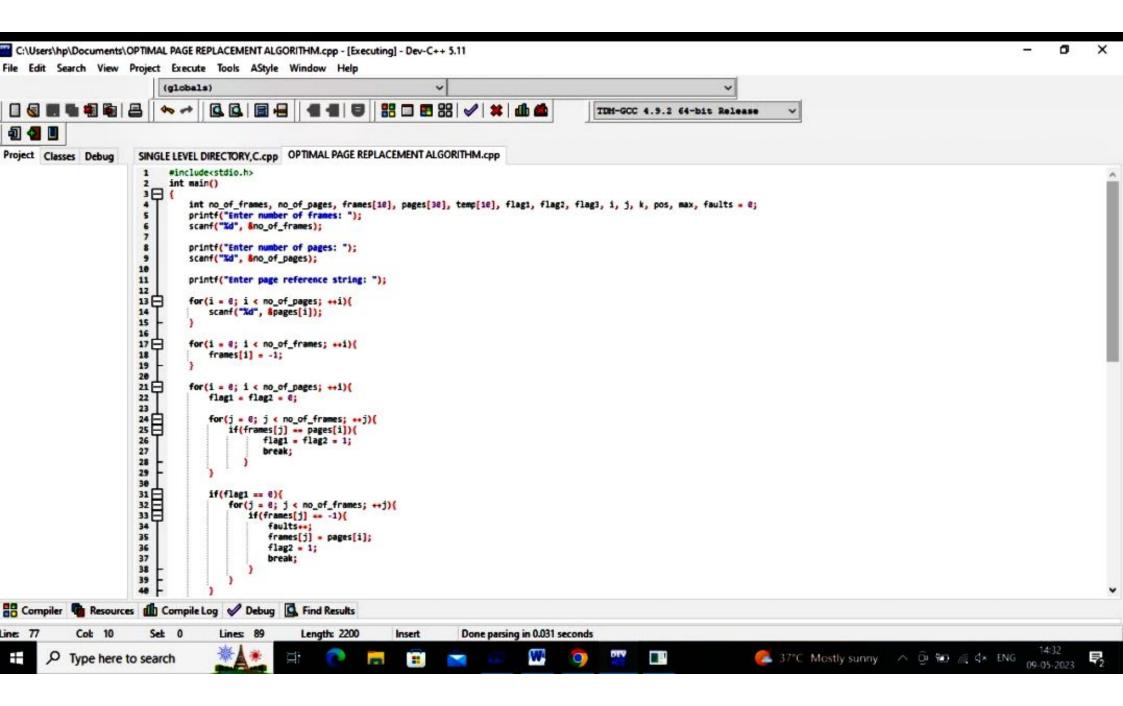
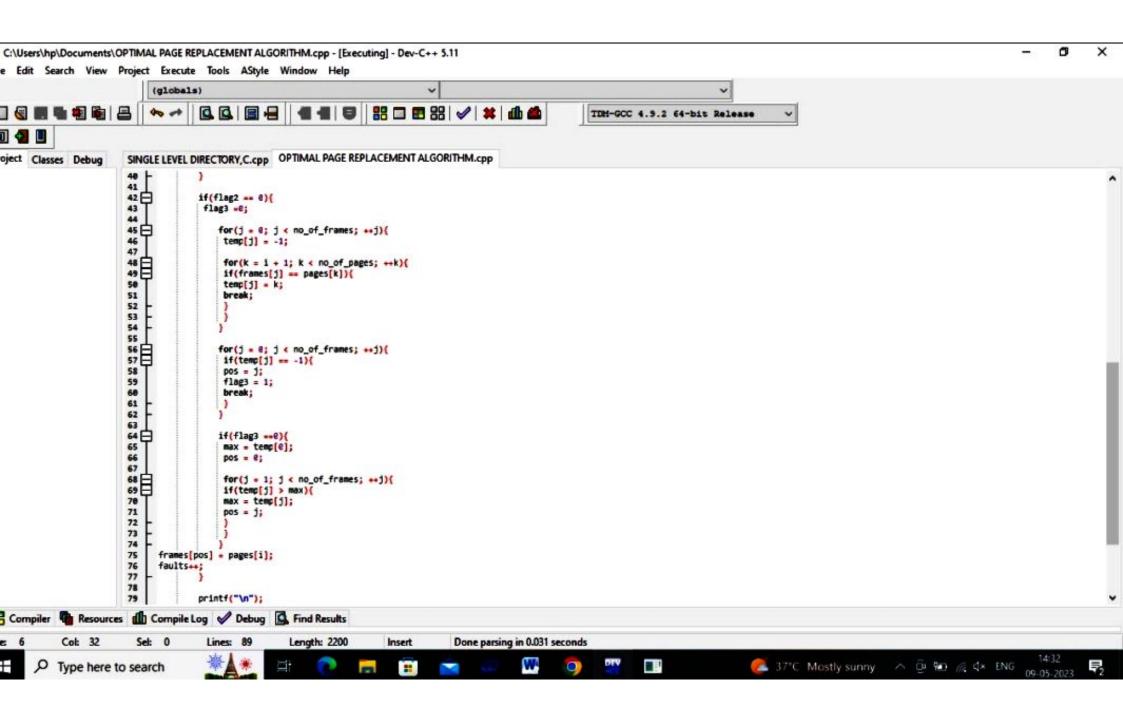
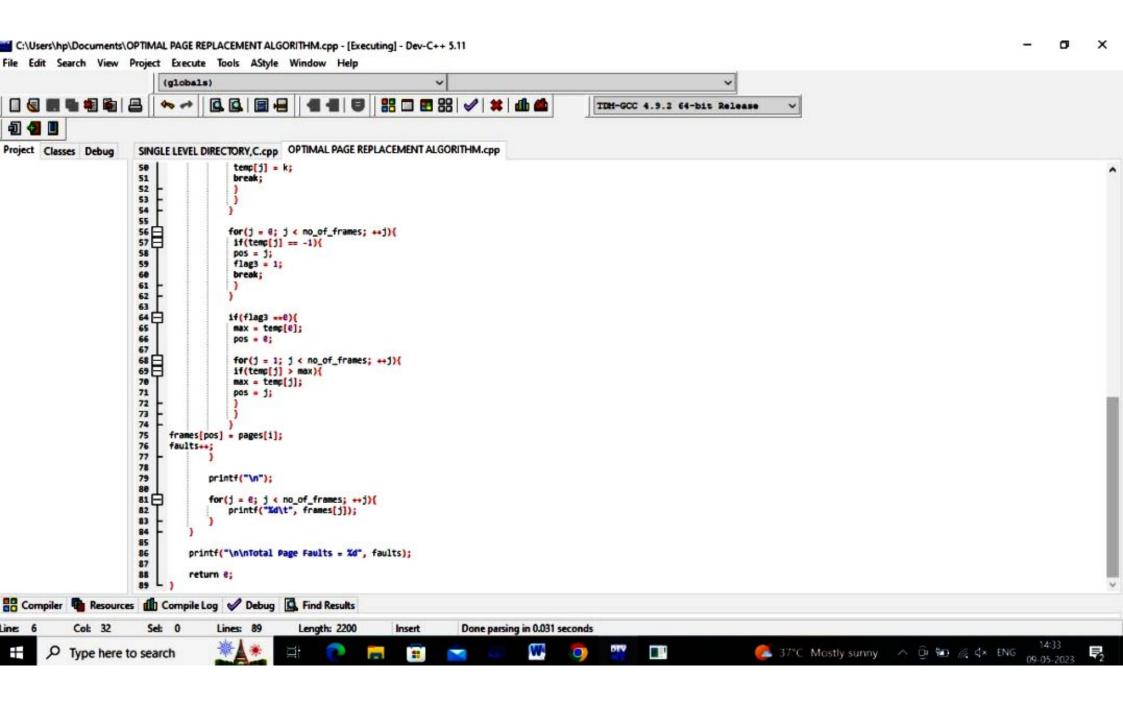
14. Write a C program to illustrate the page replacement method where the page which is not in demand for the longest future time is replaced by the new page and determine the number of page faults for the following test case:

No. of page frames: 3; Page reference sequence 7,0,1,2,0,3,0,4,2,3,0,3,2,1,2,0,1,7,0 and 1.







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- O

    Critisero hp. Documents, OPTIMAL PAGE REPLACEMENT ALGORITHM exe.

Enter number of frames: 3
Enter number of pages: 20
Enter page reference string: 7 0 1 2 0 3 0 4 2 3 0 3 2 1 2 0 1 7 0 1
       -1
                -1
       0
                -1
                1
                1
               1
                3
                3
                3
                3
                3
                3
                3
                3
                1
                1
       0
                1
               1
                1
                1
                1
Total Page Faults = 9
Process exited after 49.7 seconds with return value 0
Press any key to continue . . .
```









































