Practical No:- 3(c )

1. (c ) Write a program to implement Tower of Hanoi problem.

Practical Implementation:-

Code:-

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| --- |
| // C++ recursive function to  // solve tower of hanoi puzzle  #include <bits/stdc++.h>  **using** **namespace** std;    **void** towerOfHanoi(**int** n, **char** from\_rod, **char** to\_rod,  **char** aux\_rod)  {  **if** (n == 0) {  **return**;      }      towerOfHanoi(n - 1, from\_rod, aux\_rod, to\_rod);      cout << "Move disk " << n << " from rod " << from\_rod           << " to rod " << to\_rod << endl;      towerOfHanoi(n - 1, aux\_rod, to\_rod, from\_rod);  }    // Driver code  **int** main()  {  **int** N = 3;        // A, B and C are names of rods      towerOfHanoi(N, 'A', 'C', 'B');  **return** 0;  }    // This is code is contributed by rathbhupendra |

Output:-

