public class ArrayRotation {

// Function to perform left rotations on an array

public static int[] rotLeft(int[] a, int d) {

int n = a.length;

int[] rotatedArray = new int[n];

for (int i = 0; i < n; i++) {

rotatedArray[i] = a[(i + d) % n];

}

return rotatedArray;

}

// Main method to test the rotLeft function

public static void main(String[] args) {

int[] a = {1, 2, 3, 4, 5};

int d = 4;

int[] rotated = rotLeft(a, d);

for (int j : rotated) {

System.out.print(j + " ");

}

}

}