**package** com;

**public** **class** ArrayRightRotationProgramme {

**public** **static** **void** rotateRight(**int** array[], **int** d, **int** num)

{

**for** (**int** k = 0; k < d; k++)

*rotateArrayByOne*(array, num);

}

**public** **static** **void** rotateArrayByOne(**int** array[], **int** num)

{

**int** k, temp;

temp = array[num - 1];

**for** (k = num-1; k > 0; k--)

array[k] = array[k - 1];

array[0] = temp;

}

**public** **static** **void** main(String args[])

{

**int** array[] = { 5, -3, 12, 23, -82, 37, 89, 20, 31, 34};

**int** res = 3;

**int** num = array.length;

System.***out***.println("Array Elements Before Rotation: ");

**for**(**int** k = 0 ; k < num ; k++)

{

System.***out***.print(array[k]+ " ");

}

System.***out***.println();

*rotateRight*(array, res, num);

System.***out***.println("\nArray Elements after Right Rotation: ");

**for**(**int** k = 0 ; k < num ; k++)

{

System.***out***.print(array[k] + " ");

}

}

}

