//Assignment 9

//1.

**package** psr;

**import** java.util.\*;

**public** **class** homework {

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

**int** [] arr = {1,0,2,3,0,4};

**int** res [] = *movesToZeros*(arr);

**for**(**int** i : res) {

System.***out***.print(" "+i);

}

}

**static** **int**[] movesToZeros(**int** [] arr)

{

**int** n = arr.length;

**int** arr1[] = **new** **int** [n];

**int** start = 0 ;

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

**if**(arr[i] != 0) {

arr1[start] = arr[i];

start++;

}

}

**return** arr1;

}

}

//2.

**package** psr;

**import** java.util.\*;

**public** **class** homework {

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

String s = "aba";

**int** n = 10 ;

System.***out***.print(*firstNCharacter*(s,n));

}

**static** **int** firstNCharacter(String s , **int** n) {

StringBuilder result = **new** StringBuilder();

**int** count = 0;

**while**(result.length() < n) {

result.append(s);

}

System.***out***.println(result.substring(0,n));

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

**if**(result.charAt(i) == 'a') count++;

}

**return** count;

}

}