**package** Sorting\_Algorithms;

**public class** LinearSearchAlgorithm {

**public void** LinerSearch(**int**[] inputArray, **int** search)

{

**int** flag = 0;

**for** (**int** i=0;i<inputArray.**length**;i++)

{

**if** (inputArray[i] == search)

{

System.***out***.print(**"Found: "**+search);

flag =1;

**break**;

}**else**

{

flag = 0;

}

}

**if** (flag ==0)

{

System.***out***.println(**"Not Found: "**+search);

}

}

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

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

**int** search = 41;

LinearSearchAlgorithm objectLiner = **new** LinearSearchAlgorithm();

objectLiner.LinerSearch(inputArray,search);

}

}