JAVA ASSIGNMNET 2

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BATCH: AIML A1

QUESTION:-

Part1: Write a Java program that declares two arrays named 'even' and 'odd'. Accept numbers from the user and move them to respective arrays depending on whether they are even or odd.

Part2: Implement a java function that finds 2 neighboring numbers in an array with the smallest distance to each. The function should return the index of the 1st number.

Part 3: Write a Java program to convert an array into ArrayList and vice versa.

CODE

```
JAVA ASSIGNMENT) src Assignment_2java

G Assignment_1java × G Assignment_2java ×

limport java.util.Scanner;

limport java.util.ArrayList;

no usages

public class Assignment_2

{

even_odd obj1 = new even_odd();

obj1.accept();

obj1.accept();

obj1.accept();

obj2.smallest_distance();

convert obj3 = new convert();

obj3.array_list();

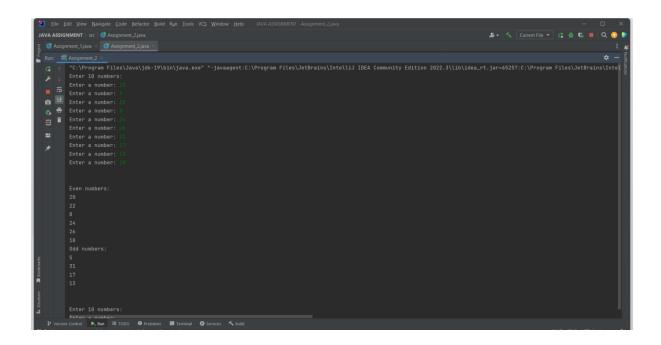
obj3.array_list_2();

lobj3.array_list_2();

lobj4.

lobj4.
```

OUTPUT:



<u>GITHUB LINK</u>: https://github.com/ananya2285/Java-Assignment/blob/20a2f9af0f0dc69d6fa7b6c9864e699eb3d063bc/Assignment_2.java