PRACTICAL-1

```java
import java.util.*;
public class ArrayEqual
{
        boolean checkArray(int[] a1,int[] a2)
        {
                return Arrays.equals(a1, a2);
        }
        public static void main(String arg[])
        {
                int[] array1=new int[5];
                int[] array2=new int[5];
                ArrayEqual ae=new ArrayEqual();
                Scanner input=new Scanner(System.in);
                System.out.println("Enter the array1: ");
                for(int i=0;i<5;i++)
                {
                        array1[i]=input.nextInt();
                }
                System.out.println("Enter the array2: ");
                for(int i=0;i<5;i++)
                {
                        array2[i]=input.nextInt();
                }
                if(ae.checkArray(array1,array2)==true)
                        System.out.println("Both the arrays are identical");
                else
                        System.out.println("Both the arrays are not identical");
        }
}
```

```
C:\Java\Practical_Exam\src>javac ArrayEqual.java

C:\Java\Practical_Exam\src>java ArrayEqual
Enter the array1:
1 2 3 4 5
Enter the array2:
1 2 3 4 5
Both the arrays are identical
```

PRACTICAL-2

```java
import java.util.*;
class Vehicle{
    String manufacturer;
    String purchaseDate;
    float kilometers;
    int price;
    Vehicle()
    {
        manufacturer = new String();
```

```java
        purchaseDate = new String();
        kilometers = 0;
        price = 0;
    }
    void scan()
    {
        Scanner input = new Scanner(System.in);
        System.out.print("Enter manufacturer: ");
        manufacturer = input.nextLine();
        System.out.print("Enter purchase date: ");
        purchaseDate = input.nextLine();
        System.out.print("Enter kilometers: ");
        kilometers = input.nextFloat();
        kilometers = input.nextFloat();
        System.out.print("Enter price: ");
        price = input.nextInt();
    }
    void print()
    {
        System.out.println("Manufacturer is "+manufacturer+"\nPurchase date is
"+purchaseDate+"\nKilometers travelled are: "+kilometers+"\nPrice of the vehicle is
"+price);
        System.out.println("");
    }
}

public class prac2 {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.print("Enter number of vehicles to be added: ");
        int n = input.nextInt();
        Vehicle[] vehicles = new Vehicle[n];
        for(int i=0;i<n;i++)
        {
            vehicles[i] = new Vehicle();
            vehicles[i].scan();
        }
        for(Vehicle vehicle : vehicles)
        {
            vehicle.print();
        }
    }
}
```

```
C:\Java\Practical_Exam\src>javac prac2.java

C:\Java\Practical_Exam\src>java prac2
Enter number of vehicles to be added: 1
Enter manufacturer: honda
Enter purchase date: 12
Enter kilometers: 12

12
Enter price: 12222
Manufacturer is honda
Purchase date is 12
Kilometers travelled are: 12.0
Price of the vehicle is 12222
```