20MCA132 OBJECT ORIENTED PROGRAMMING LAB

LAB-EXAM

SUBMITTED BY

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ROLL NO : 42

SUBMITTED TO ,

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Questions

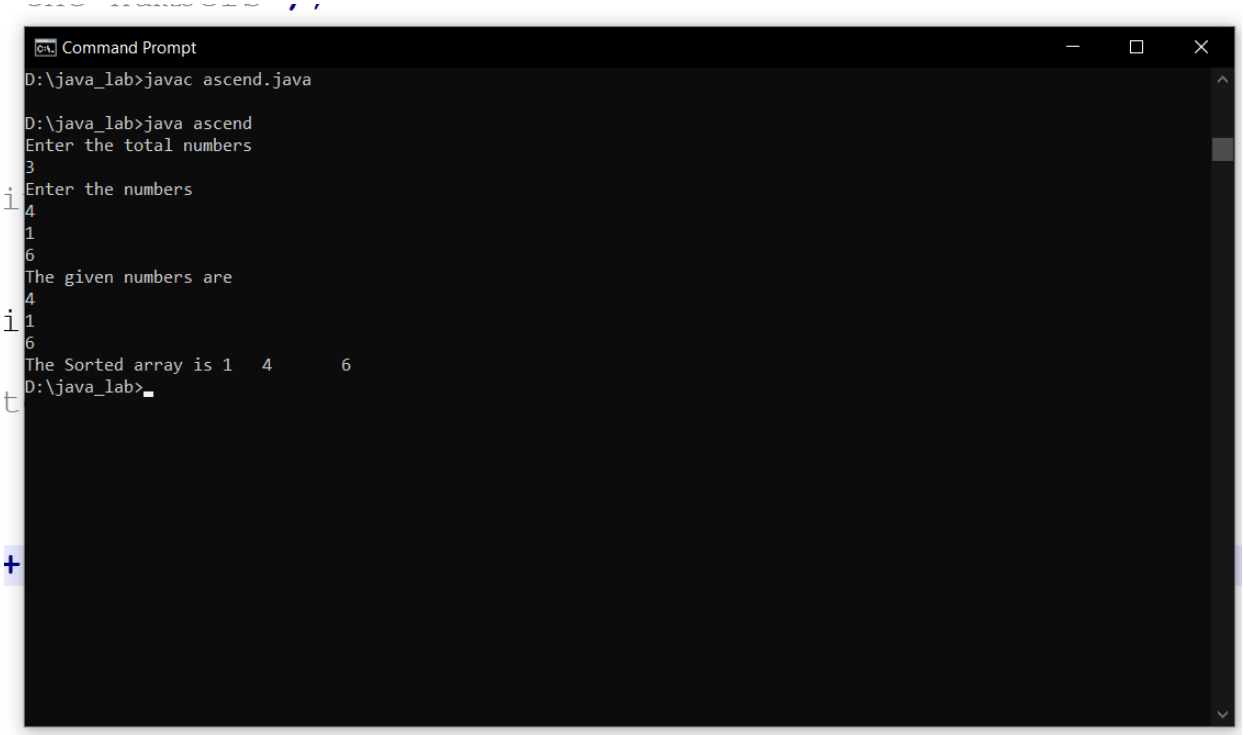
1. Write a program to arrange the numbers in ascending order

PROGRAM

```
import java.util.*;
public class ascend
{
	public static void main(String[] args)
	{
		int i,temp;

		Scanner ab=new Scanner(System.in);
		System.out.println("Enter the total numbers");
		int n=ab.nextInt();
		int a[]=new int[n];
		System.out.println("Enter the numbers");
		for(i=0;i<n;i++)
		{
			a[i]=ab.nextInt();
		}
		System.out.println("The given numbers are");
		for(i=0;i<n;i++)
		{
			System.out.println(a[i]);
		}
		System.out.print("The Sorted array is ");
		Arrays.sort(a);
		for(i=0;i<n;i++)
		{
```

```
                    System.out.print(a[i]+"\t");

                }

        }
}
```

OUTPUT



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2. Define a class ‘Employee’ with data members empcode, empname, designation and salary. Create 4 objects of the class and find the Employee with the highest salary.

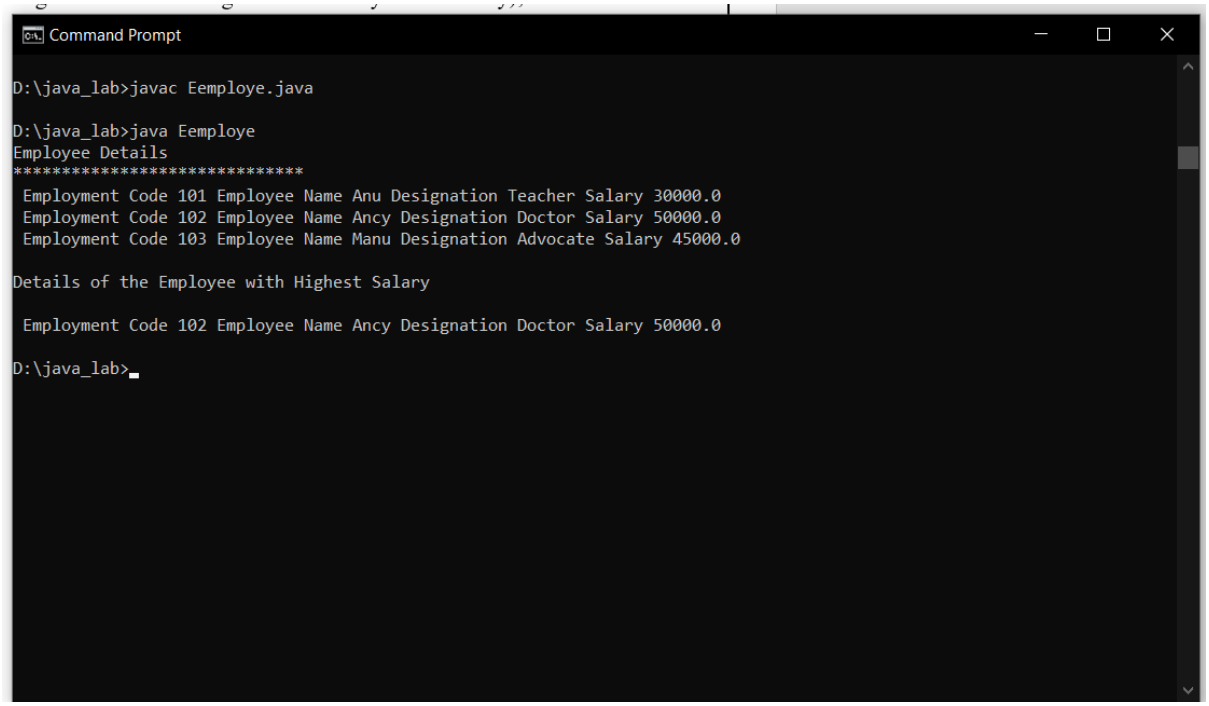
3. PROGRAM

```
class emp
{
        int empcode;
        String empname;
        String destignation;
```

```
	float salary;
	void getdata(int a, String b,String c, float e)
	{
		empcode=a;
		empname=b;
		destignation=c;
		salary=e;
	}
	void show()
	{
		System.out.println(" Employment Code "+empcode+" Employee Name "+empname+" Designation "+destignation+" Salary "+salary);
	}

}
public class Eemploye
{

	public static void main(String[] args)
	{
		emp ob1= new emp();
		emp ob2= new emp();
		emp ob3= new emp();
		ob1.getdata(101,"Anu","Teacher",30000);
		ob2.getdata(102,"Ancy","Doctor",50000);
		ob3.getdata(103,"Manu","Advocate",45000);
		System.out.println("Employee Details");
		System.out.println("******************************");
		ob1.show();
		ob2.show();
		ob3.show();
```

```
		System.out.println();
		System.out.println("Details of the Employee with Highest Salary");
		System.out.println();
		if((ob1.salary)>(ob2.salary)&&(ob1.salary)>(ob3.salary))
		{
				System.out.println(" Employment Code "+ob1.empcode+" Employee Name "+ob1.empname+" Designation "+ob1.destignation+" Salary "+ob1.salary);
		}
		else if ((ob2.salary)>(ob1.salary)&&(ob2.salary)>(ob3.salary))
		{
			System.out.println(" Employment Code "+ob2.empcode+" Employee Name "+ob2.empname+" Designation "+ob2.destignation+" Salary "+ob2.salary);
		}
		else
		{
			System.out.println(" Employment Code "+ob3.empcode+" Employee Name "+ob3.empname+" Designation "+ob3.destignation+" Salary "+ob3.salary);
		}


	}
}
```

OUTPUT


Command Prompt
D:\java_lab>javac Eemploye.java
D:\java_lab>java Eemploye
Employee Details
****
Employment Code 101 Employee Name Anu Designation Teacher Salary 30000.0
Employment Code 102 Employee Name Ancy Designation Doctor Salary 50000.0
Employment Code 103 Employee Name Manu Designation Advocate Salary 45000.0
Details of the Employee with Highest Salary
Employment Code 102 Employee Name Ancy Designation Doctor Salary 50000.0
D:\java_lab>