

Code & Sample I/O

```
import java.io.*;
import java.util.*;
import java.io.FileWriter;
import java.io.IOException;

class Hospital {
    static List<Vaccine> vaccines = new ArrayList<>();
    static List<OxygenCylinder> oxygenCylinders = new ArrayList<>();
    static List<Oximeter> oximeters = new ArrayList<>();
    static List<Ventilator> ventilators = new ArrayList<>();
    static List<Bed> beds = new ArrayList<>();

    Hospital(List<Vaccine> vacc, List<OxygenCylinder> oCylinders, List<Oximeter> oMeters, List<Ventilator> vents,
        List<Bed> bs) {
        vaccines = vacc;
        oxygenCylinders = oCylinders;
        oximeters = oMeters;
        ventilators = vents;
        beds = bs;
    }

    List<Vaccine> getListOfVaccines() {
        return vaccines;
    }

    List<OxygenCylinder> getListOfOxygenCylinders() {
        return oxygenCylinders;
    }

    List<Oximeter> getListOfOximeters() {
        return oximeters;
    }

    List<Ventilator> getListOfVentilators() {
        return ventilators;
    }

    List<Bed> getListOfBeds() {
        return beds;
    }

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        StringBuilder str = new StringBuilder(0);
        System.out.println("Enter name of Hospital");
        String name = sc.nextLine();
        str.append(name + '|');
        System.out.println("Enter number of active cases");
        int active = sc.nextInt();
        str.append(Integer.toString(active) + '|');
        System.out.println("Enter average age of patients");
        int avgage = sc.nextInt();
        str.append(Integer.toString(avgage) + '|');
        System.out.println("Enter number of discharged cases");
        int discharged = sc.nextInt();
        str.append(Integer.toString(discharged) + '|');
        System.out.println("Enter contact number of person in charge");
        int phone = sc.nextInt();
        str.append(Integer.toString(phone) + '|');
        System.out.println("Enter address of Hospital");
        sc.nextLine();
        String address = sc.nextLine();
        str.append(address + '|');

        try {
            FileWriter fwrite = new FileWriter("hospitals.txt");
            fwrite.write(str.toString());
            fwrite.close();
        }
    }
}
```

```

        System.out.println("Content is successfully wrote to the file.");
    } catch (IOException e) {
        System.out.print("Exception occurred");
    }
}
}



```


Sample I/O

```

PS C:\Users\withl\OneDrive\Desktop\College\COVID-Resource-Management-System> javac Hospital.java
PS C:\Users\withl\OneDrive\Desktop\College\COVID-Resource-Management-System> java Hospital
Enter name of Hospital
Apollo Hospital
Enter number of active cases
50
Enter average age of patients
50
Enter number of discharged cases
500
Enter contact number of person in charge
1234567890
Enter address of Hospital
1, abc Street, xyz Colony, Madurai
Content is successfully wrote to the file.

```

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  hospitals.txt U X

 hospitals.txt

1 Apollo Hospital|50|50|500|1234567890|1, abc Street, xyz Colony, Madurai|