

# Code & Sample I/O

```
import java.io.*;

class dashboard implements Runnable {
    Thread t;

    public dashboard() {
        t = new Thread(this);
        t.start();
    }

    public void run()
    {
        try {
            if (checkVaccines())
                System.out.println("Vaccine(s) available!");
            else
                System.out.println("No Vaccines are available");
        } catch (Exception err) {
            System.out.println(err);
        }
        try {
            if (checkBeds())
                System.out.println("Bed(s) available!");
            else
                System.out.println("No Beds are available");
        }
        catch (Exception err) {
            System.out.println(err);
        }
    }

    public boolean checkVaccines() throws Exception {
        File file = new File("hospitals.txt");
        BufferedReader br = new BufferedReader(new FileReader(file));

        String st;

        while ((st = br.readLine()) != null) {
            String vacc = st.substring(st.lastIndexOf("|") + 1);
            int vaccineCount = Integer.parseInt(vacc);
            System.out.println(vaccineCount);
            if (vaccineCount > 0) {
                return true;
            }
        }
        return false;
    }

    public boolean checkBeds() throws Exception {
```

```

File file = new File("hospitals.txt");
BufferedReader br = new BufferedReader(new FileReader(file));

String st;

while ((st = br.readLine()) != null) {
    String bcountar[] = st.split("\\|");
    String bcount = bcountar[1];
    int bedCount = Integer.parseInt(bcount);
    System.out.println(bcount);
    if (bedCount > 0) {
        return true;
    }
}
return false;

}

public static void main(String[] args) {
    dashboard v1 = new dashboard();
}

}

```

```

PS C:\Users\withl\OneDrive\Desktop\College\COVID-Resource-Management-System> java Hospital
Enter name of Hospital
Apollo Hospital
Enter number of Beds available
15
Enter number of active cases
150
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, def Colony, Madurai
Enter number of Vaccines available
100
Content is successfully wrote to the file.

```

```

hospitals.txt U X
hospitals.txt
1 Apollo Hospital|15|150|50|500|1234567890|1, abc Street, def Colony, Madurai|100

```

```

PS C:\Users\withl\OneDrive\Desktop\College\COVID-Resource-Management-System> java dashboard
100
Vaccine(s) available!
15
Bed(s) available!

```