Name - Yash Lakhtariya
Enrollment number - 21162101012
Branch - CBA , Batch - 31
OOP Exercise 1

Problem : In an application of college, The application take input of 2 students names and marks of subject "Java". Compare the marks of 2 students and display the Name of student scoring higher marks.
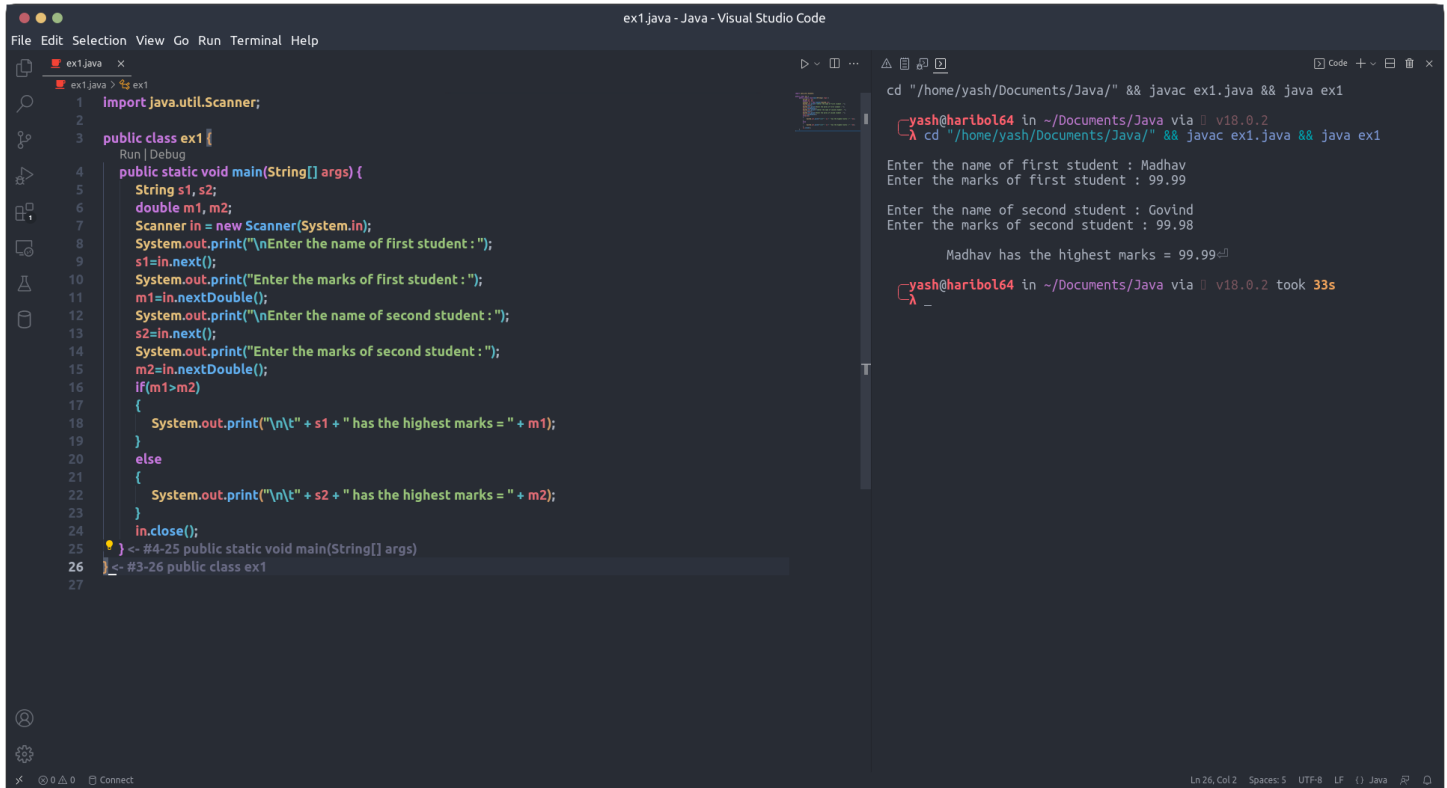
Code :

```java
import java.util.Scanner;

public class ex1 {
    public static void main(String[] args) {
        String s1, s2;
        double m1, m2;
        Scanner in = new Scanner(System.in);
        System.out.print("\nEnter the name of first student : ");
        s1=in.next();
        System.out.print("Enter the marks of first student : ");
        m1=in.nextDouble();
        System.out.print("\nEnter the name of second student : ");
        s2=in.next();
        System.out.print("Enter the marks of second student : ");
        m2=in.nextDouble();
        if(m1>m2)
        {
            System.out.print("\n\t" + s1 + " has the highest marks = " + m1);
        }
        else
        {
            System.out.print("\n\t" + s2 + " has the highest marks = " + m2);
        }
        in.close();
    }
}
```

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Output :


```java
import java.util.Scanner;

public class ex1 {
    public static void main(String[] args) {
        String s1, s2;
        double m1, m2;
        Scanner in = new Scanner(System.in);
        System.out.print("\nEnter the name of first student : ");
        s1=in.next();
        System.out.print("Enter the marks of first student : ");
        m1=in.nextDouble();
        System.out.print("\nEnter the name of second student : ");
        s2=in.next();
        System.out.print("Enter the marks of second student : ");
        m2=in.nextDouble();
        if(m1>m2)
        {
            System.out.print("\n\t" + s1 + " has the highest marks = " + m1);
        }
        else
        {
            System.out.print("\n\t" + s2 + " has the highest marks = " + m2);
        }
        in.close();
    }
}
```

```
cd "/home/yash/Documents/Java/" && javac ex1.java && java ex1

yash@haribol64 in ~/Documents/Java via  v18.0.2
λ cd "/home/yash/Documents/Java/" && javac ex1.java && java ex1

Enter the name of first student : Madhav
Enter the marks of first student : 99.99

Enter the name of second student : Govind
Enter the marks of second student : 99.98

        Madhav has the highest marks = 99.99

yash@haribol64 in ~/Documents/Java via  v18.0.2 took 33s
λ _
```