```java
// Student.java in package CIE


package CIE;

public class Student {
    private String usn;
    private String name;
    private int sem;


    public Student(String usn, String name, int sem) {
        this.usn = usn;
        this.name = name;
        this.sem = sem;
    }


    public String getUsn() {
        return usn;
    }

    public void setUsn(String usn) {
        this.usn = usn;
    }

    public String getName() {
        return name;
    }

    public void setName(String name) {
        this.name = name;
    }

    public int getSem() {
        return sem;
    }

    public void setSem(int sem) {
        this.sem = sem;
    }
}
```

```java
// Internals.java in CIE



package CIE;

public class Internals {
    private int[] internalMarks;


    public Internals(int[] internalMarks) {
        if (internalMarks.length == 5) {
            this.internalMarks = internalMarks;
        } else {
            throw new IllegalArgumentException("Internal marks must be an array of size 5.");
        }
    }


    public int getTotalInternalMarks() {
        int total = 0;
        for (int mark : internalMarks) {
            total += mark;
        }
        return total;
    }


    public void displayInternalMarks() {
        System.out.print("Internal Marks: ");
        for (int mark : internalMarks) {
            System.out.print(mark + " ");
        }
        System.out.println();
    }
}
```

```java
// External.java in SEE


|

package SEE;

import CIE.Student;

public class External extends Student {
    private int[] externalMarks;

    public External(String usn, String name, int sem, int[] externalMarks) {
        super(usn, name, sem);
        if (externalMarks.length == 5) {
            this.externalMarks = externalMarks;
        } else {
            throw new IllegalArgumentException("External marks must be an array of size 5.");
        }
    }


    public int getTotalExternalMarks() {
        int total = 0;
        for (int mark : externalMarks) {
            total += mark;
        }
        return total;
    }


    public void displayExternalMarks() {
        System.out.print("External Marks: ");
        for (int mark : externalMarks) {
            System.out.print(mark + " ");
        }
        System.out.println();
    }
}
```

```java
// Main.java in SEE



import CIE.Internals;
import SEE.External;

import java.util.Scanner;

public class Main {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        System.out.print("Enter the number of students: ");
        int n = scanner.nextInt();
        scanner.nextLine();


        External[] students = new External[n];

        for (int i = 0; i < n; i++) {
            System.out.println("\nEnter details for student " + (i + 1));


            System.out.print("Enter USN: ");
            String usn = scanner.nextLine();
            System.out.print("Enter Name: ");
            String name = scanner.nextLine();
            System.out.print("Enter Semester: ");
            int sem = scanner.nextInt();


            int[] internalMarks = new int[5];
            System.out.println("Enter Internal Marks for 5 courses: ");
            for (int j = 0; j < 5; j++) {
                internalMarks[j] = scanner.nextInt();
            }


            Internals internals = new Internals(internalMarks);


            int[] externalMarks = new int[5];
            System.out.println("Enter External Marks for 5 courses: ");
            for (int j = 0; j < 5; j++) {
                externalMarks[j] = scanner.nextInt();
            }
```

```java
            Internals internals = new Internals(internalMarks);


            int[] externalMarks = new int[5];
            System.out.println("Enter External Marks for 5 courses: ");
            for (int j = 0; j < 5; j++) {
                externalMarks[j] = scanner.nextInt();
            }


            students[i] = new External(usn, name, sem, externalMarks);


            System.out.println("\nStudent Details: ");
            System.out.println("USN: " + students[i].getUsn());
            System.out.println("Name: " + students[i].getName());
            System.out.println("Semester: " + students[i].getSem());


            internals.displayInternalMarks();


            students[i].displayExternalMarks();


            int totalInternalMarks = internals.getTotalInternalMarks();
            int totalExternalMarks = students[i].getTotalExternalMarks();
            int finalMarks = totalInternalMarks + totalExternalMarks;
            System.out.println("Total Internal Marks: " + totalInternalMarks);
            System.out.println("Total External Marks: " + totalExternalMarks);
            System.out.println("Final Marks (Internal + External): " + finalMarks);
        }

        scanner.close();
    }
}
```