

ASSIGNMENT-18

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```
1 package com.vs4u;
2
3 public interface TouristPlace {
4
5     void history();
6
7 }
8
9 interface NatureSite
10 {
11     void nature();
12 }
13
14
15
```

```
1 package com.vs4u;
2
3 public class Test implements NatureSite {
4
5
6     public void history() {
7         System.out.println("Hampi is a World Heritage site with rich history.");
8     }
9
10     public void nature() {
11         System.out.println("Nandi Hills is known for its beautiful sunrise and cool climate.");
12     }
13
14     public static void main(String[] args) {
15
16         Test t = new Test();
17         t.history();
18         t.nature();
19     }
20 }
21
```

```
1 package com.vs4u;
2
3 public interface HistoricalSite {
4
5     String placeName="Hampi";
6
7     void history();
8
9 }
10
11 public class Hampi implements HistoricalSite
12 {
13     @Override
14     public void history() {
15         System.out.println("Hampi is a UNESCO World Heritage site with rich history.");
16     }
17
18     public static void main(String[] args) {
19
20         Hampi h = new Hampi();
21         h.history();
22         System.out.println(placeName);
23     }
24 }
25
26
```

```
1 package com.vs4u;
2
3 interface Idly{
4
5     void display();
6
7 }
8
9 interface Dosa{
10
11     void orderFood();
12 }
13
14 class Vada
15 {
16     public void snack() {
17         System.out.println("Vada is a type of savory fried snack!.....");
18     }
19 }
20
21 public class SouthIndianFood extends Vada implements Idly,Dosa{
22
23     @Override
24     public void display()
25     {
26         System.out.println("Idly!.....");
27     }
28
29     @Override
30     public void orderFood() {
31         System.out.println("Dosa.....Parcel");
32     }
33
34     public static void main(String[] args) {
35
36         SouthIndianFood si = new SouthIndianFood();
37         si.display();
38         si.orderFood();
39     }
40 }
41
42
```

<terminated> Test (10) [Java Application] C:\Program Files\Java\jdk-21\bin\javaw.exe (25-Jun-2025, 9:22:50 pm - 9:22:50 pm elapsed: 0:00:00.219) [pid: 23100]
Hampi is a World Heritage site with rich history.
Nandi Hills is known for its beautiful sunrise and cool climate.

<terminated> Hampi [Java Application] C:\Program Files\Java\jdk-21\bin\javaw.exe (25-Jun-2025, 9:22:50 pm - 9:22:50 pm elapsed: 0:00:00.219) [pid: 23100]
Hampi is a UNESCO World Heritage site with rich history.
Hampi

<terminated> SouthIndianFood [Java Application] C:\Program Files\Java\jdk-21\bin\javaw.exe (25-Jun-2025, 9:22:50 pm - 9:22:50 pm elapsed: 0:00:00.219) [pid: 23100]
Idly!.....
Dosa.....Parcel