Solution code

Please choose a language and write your code.

⊘ ACCEPTED Score: **100 points** (details)

CODE	INPUT	OUTPUT	Java &

```java
1   import java.util.Scanner;
2 · interface IPlayer {
3        String play();
4   }
5 · class Batsman implements IPlayer {
6 ·     public String play() {
7            return ("Batsman is batting");
8        }
9   }
10 · class Bowler implements IPlayer {
11 ·     public String play() {
12           return ("Bowler is bowling");
13        }
14  }
15 · class Coach {
16       private IPlayer player;
17 ·     void setPlayer(IPlayer player) {
18           this.player=player;
19
20       }
21 ·     String coach () {
22           return player.play();
23
24   }
25 · public class Source {
```

```java
20      }
21 ▾     String coach () {
22            return player.play();
23        }
24   }
25 ▾ public class Source {
26 ▾     public static void main(String args[]) {
27            Scanner sc=new Scanner(System.in);
28            String s=sc.next();
29            Coach c=new Coach();
30            if(s.equals("Batsman"))
31 ▾         {
32                Batsman ip=new Batsman();
33                c.setPlayer(ip);
34                System.out.println(c.coach());
35            }
36            else if(s.equals("Bowler"))
37 ▾         {
38                Bowler ip=new Bowler();
39                c.setPlayer(ip);
40                System.out.println(c.coach());
41            }
42            else
43 ▾         {
44                System.out.println("Invalid Input");
45            }
46        }
47 }
```

ⓘ 2 revisions found for this solution.