```
import java.util.ArrayList;
import java.util.List;
interface Subject {
  void attatchObserver(Observer observer);
  void detatchObserver(Observer observer);
  void notifyObservers();
}
interface Observer {
  void update(String match);
}
class LiveMatch implements Subject {
  private List<Observer> observers;
  private String match;
  public LiveMatch() {
    observers = new ArrayList<>();
  }
  @Override
  public void attatchObserver(Observer observer) {
    observers.add(observer);
  }
  @Override
  public void detatchObserver(Observer observer) {
    observers.remove(observer);
  }
```

```
@Override
  public void notifyObservers() {
    for (Observer observer: observers) {
      observer.update(match);
    }
  }
  public void setMatch(String match) {
    this.match = match;
    notifyObservers();
  }
}
class CityObserver implements Observer {
  private String cityName;
  public CityObserver(String cityName) {
    this.cityName = cityName;
  }
  @Override
  public void update(String match) {
    System.out.println("Match update for " + cityName + ": " + match);
  }
}
public class Main {
  public static void main(String[] args) {
    LiveMatch liveMatch = new LiveMatch();
```

```
Observer city1 = new CityObserver("City A");
Observer city2 = new CityObserver("City B");
Observer city3 = new CityObserver("City C");

liveMatch.registerObserver(city1);
liveMatch.registerObserver(city2);
liveMatch.registerObserver(city3);

liveMatch.setMatch("Volleyball match live now!");
liveMatch.setMatch("Cricket match in progress!");
liveMatch.setMatch("Football match about to start!");

liveMatch.removeObserver(city3);

liveMatch.setMatch("Another cricket match in progress!");
}
```