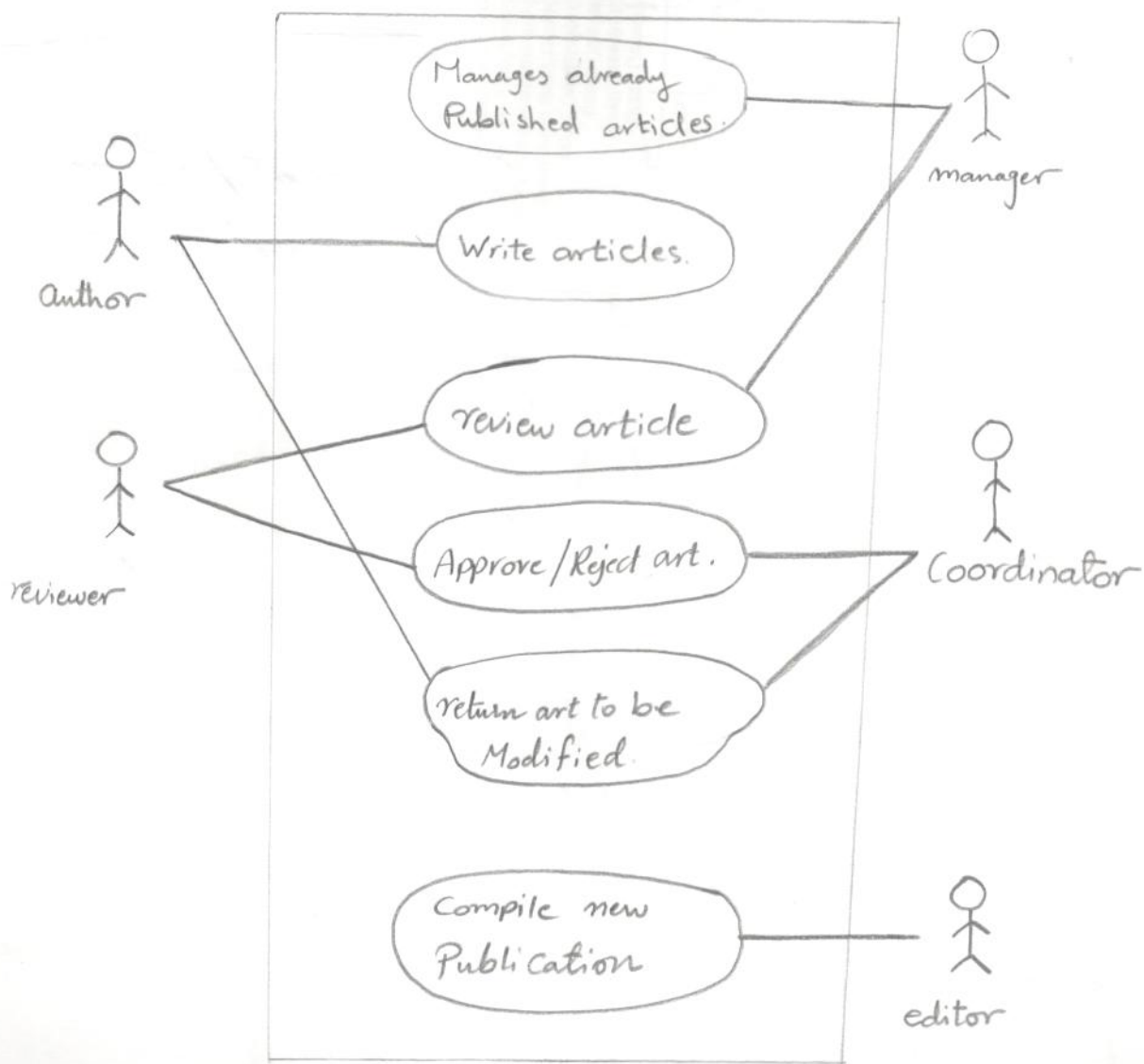


- Names :-
- Omar Mohammed Abdebasset. (42)
  - Sherif Hassan Wahy (30)
  - Mohammed Fathy Abdelattah (60)
  - Marwan Alaa Mahmoud (65)

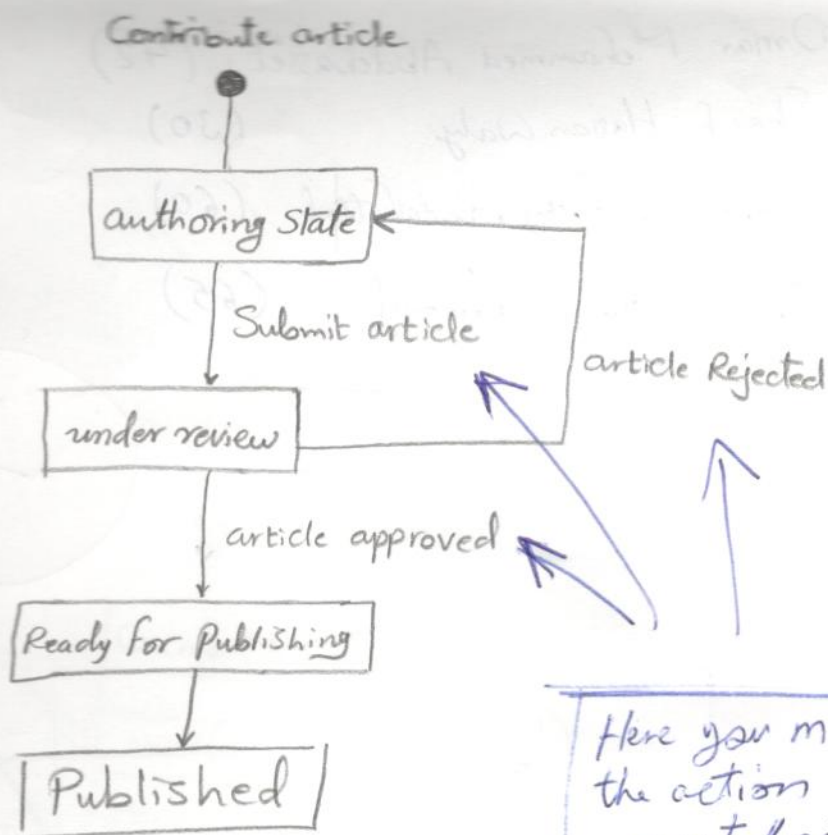
• Find 1 (2007).

A

\* Question 1 :-



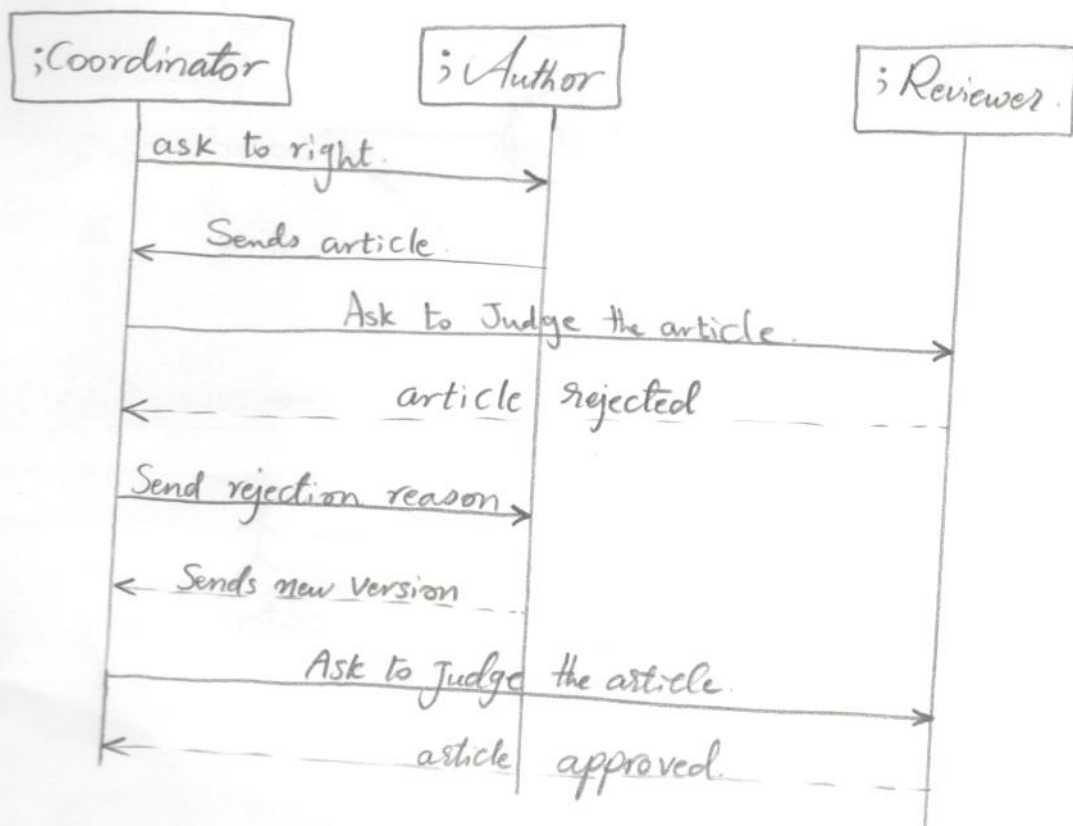
Question 2 :-

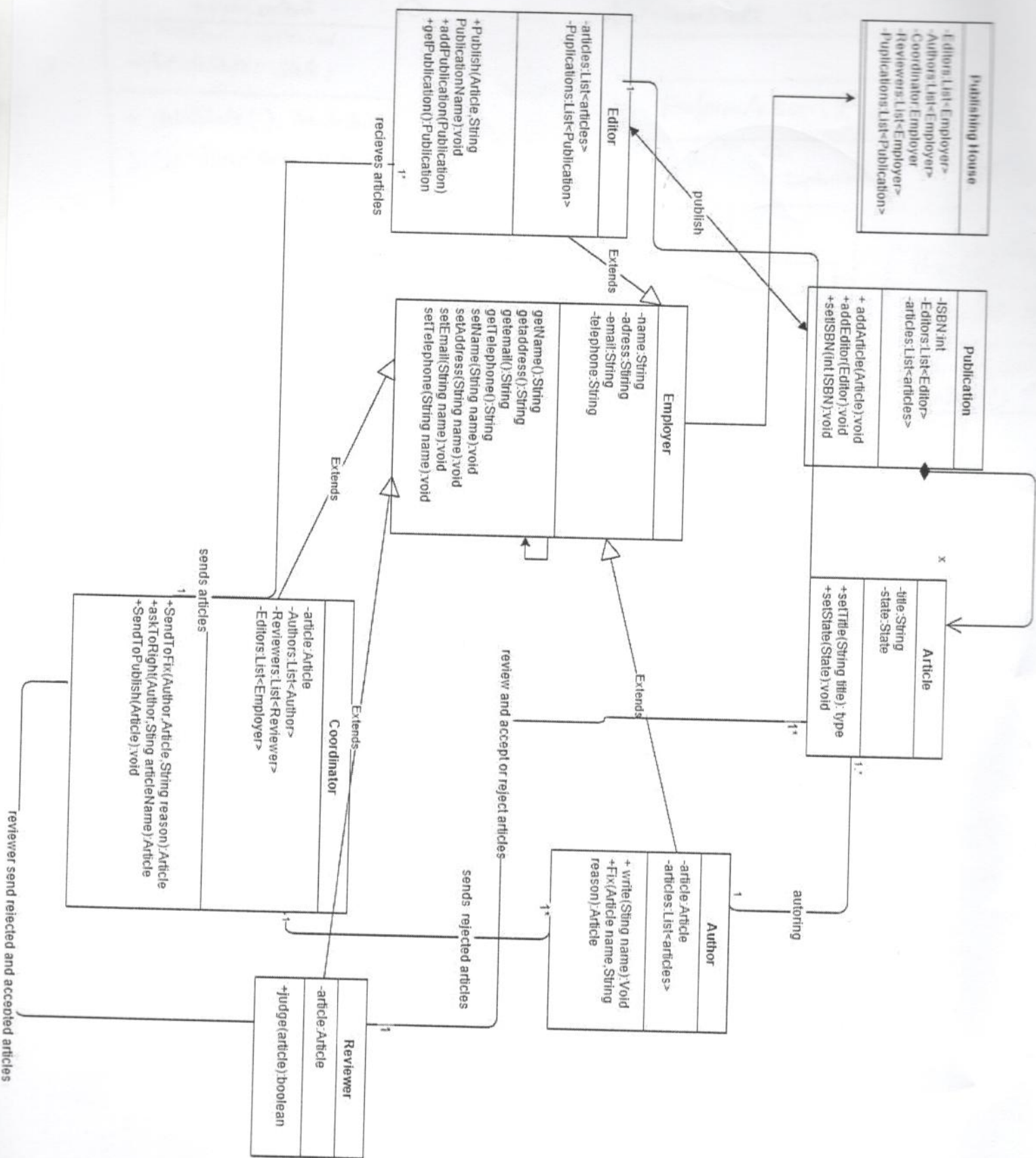


Here you miss  
the action  
event / action

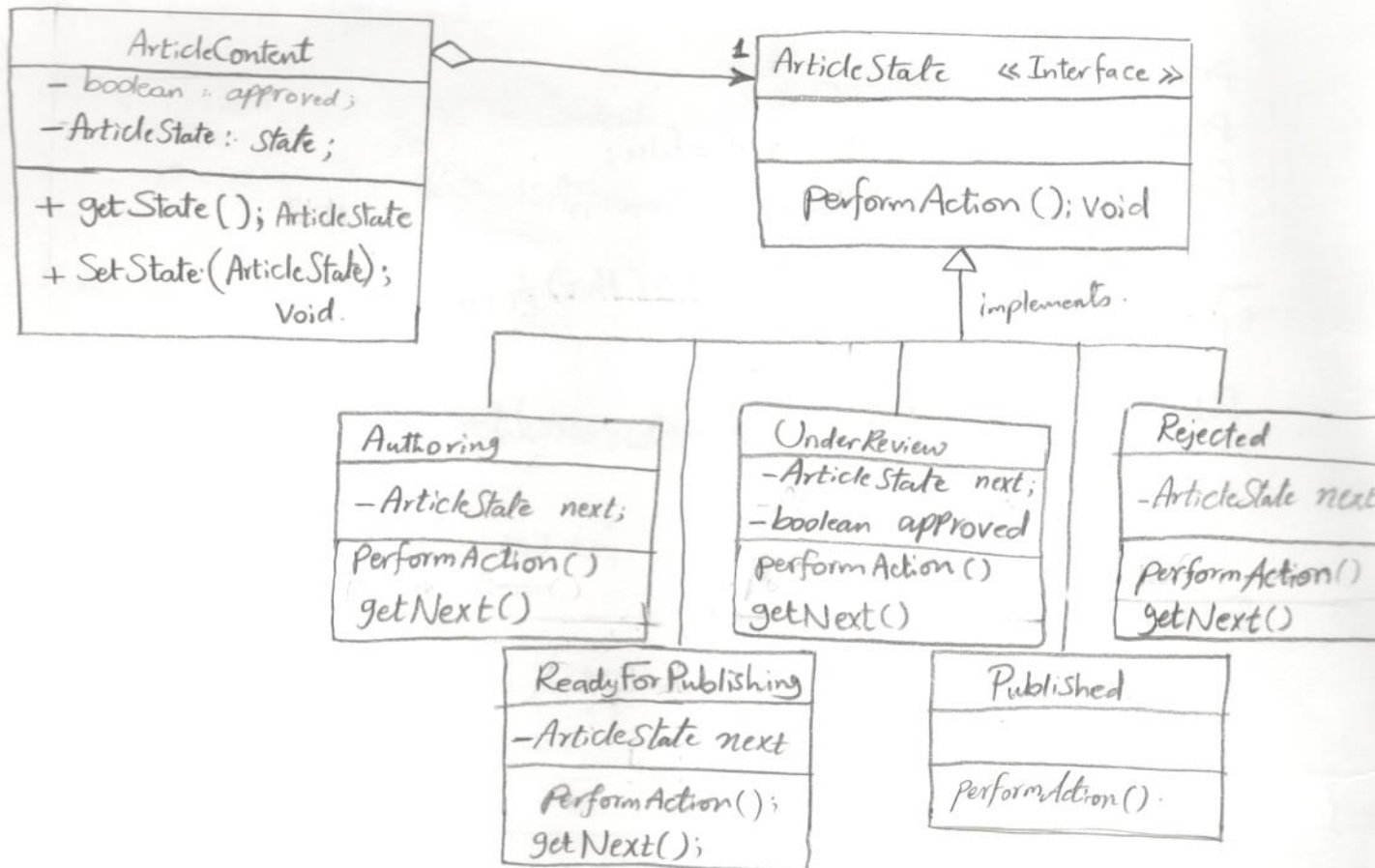
Mohamed Saad

Question 3 :-





Question 4 :-



Question 6:-

```
Public Class ArticleContent {
```

```
    Private ArticleState state;  
    Private boolean approved = false;
```

```
    Public ArticleContent () {
```

```
        state = new AuthoringState(this);  
    }
```

```
    Public Void SetState (ArticleState state) {
```

```
        this.state = state;  
    }
```

```
    Public ArticleState getState () {
```

```
        return state;  
    }
```

```
}  
//end of class
```

```
Public Interface ArticleState {
```

```
    Public void performAction ();
```

```
    //end of Interface
```

```
Public Class AuthoringState implements ArticleState {
```

```
    Private ArticleState next;
```

```
    Public AuthoringState (ArticleContent X) {
```

```
        next = new UnderReview (X);  
    }
```

```
    Public Void perform Action () { }.
```

```
    Public ArticleState getNext () { return next; }.
```

```
    //end of class.
```

```
    Public Void approve (boolean app) {
```

```
        approved = app;
```

```
    }
```

```
    Public boolean isApproved () {
```

```
        return approved;
```

```
    }
```



```
Public Class UnderReview implements ArticleState {
```

```
    Private ArticleState next;
```

```
    Private boolean approved;
```

```
    Public UnderReview (ArticleContent content) {
```

```
        approved = content.isApproved();
```

```
    }
```

```
    Public Void performAction() {
```

```
        if (approved)
```

```
            next = new ReadyForPublishing();
```

```
        else
```

```
            next = new Rejected();
```

```
    }
```

```
    Public ArticleState getNext() {
```

```
        return next;
```

```
    }
```

```
}
```

---

```
Public Class Rejected implements ArticleState {
```

```
    Private Article State next;
```

```
    Public Void performAction() {
```

```
        next = new Authoring();
```

```
    }
```

```
    Public Article State getNext() {
```

```
        return next;
```

```
    }
```

```
}
```

---

```
Public class Ready for Publishing implements ArticleState {
```

```
    Private ArticleState next;
```

```
    Public void Perform Action() {
```

```
        next = new Published;
```

```
    }
```

```
    Public Article State getNext() { return next; }
```

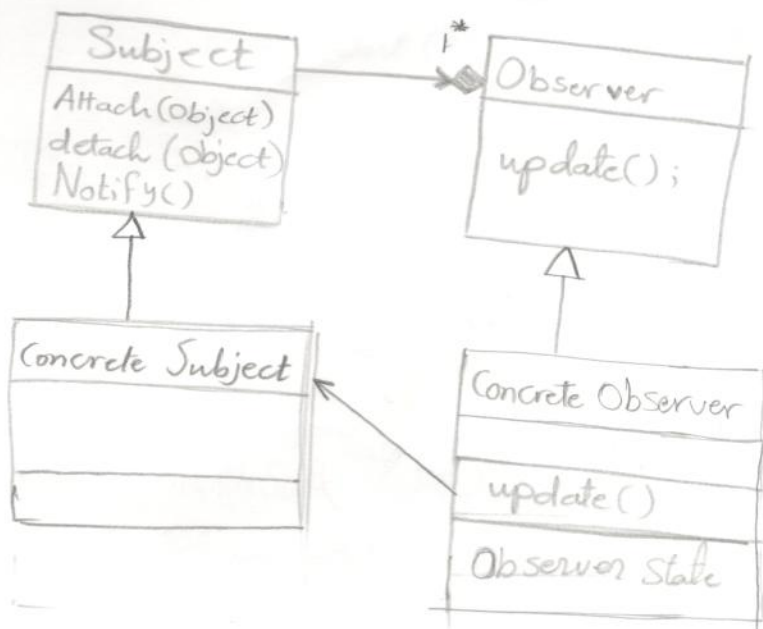
```
}
```

```
Public class Published implements ArticleState {
```

```
    Public void perform Action() {}
```

Question 7:-

a)



b)

