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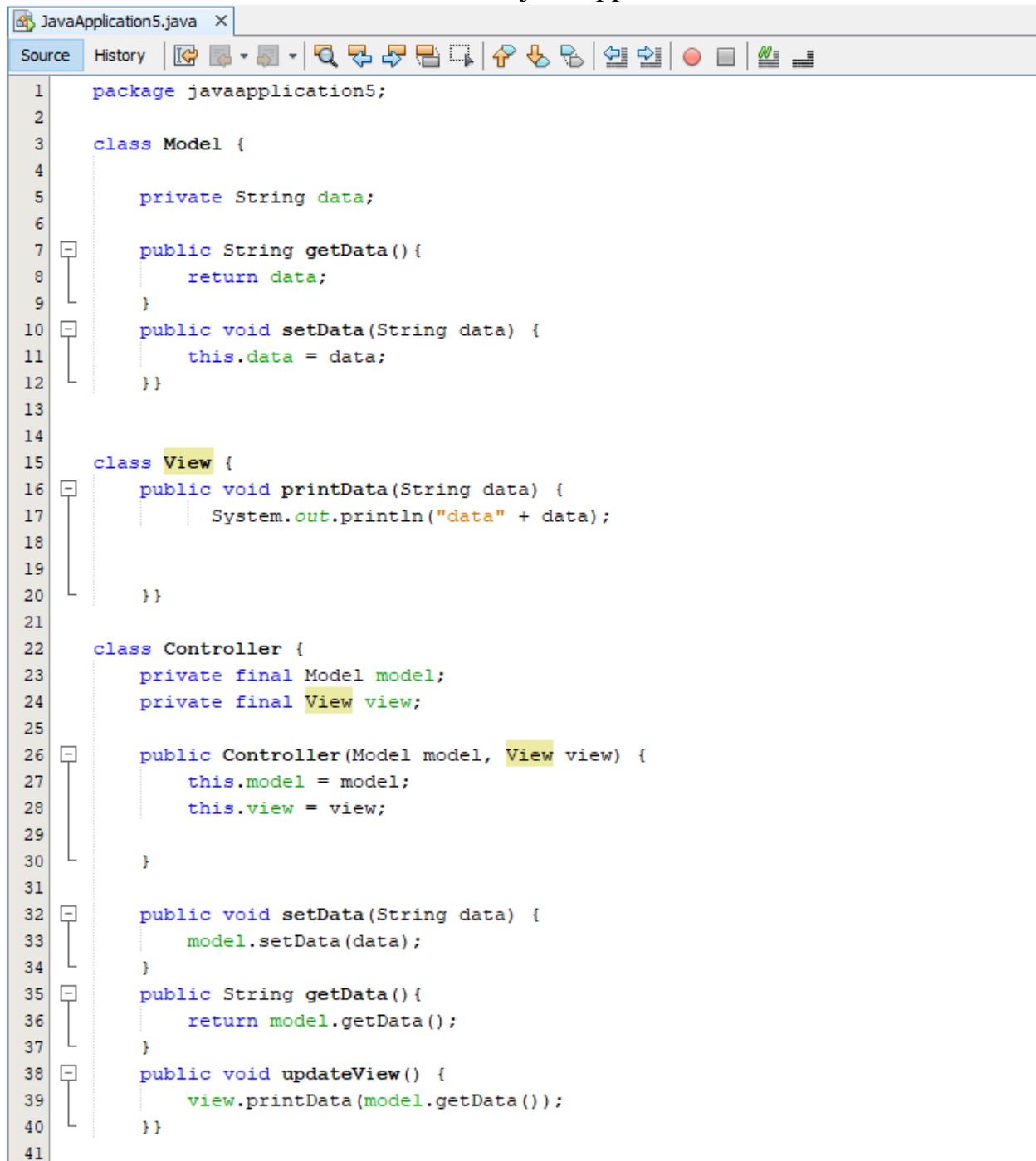
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## SOFTWARE DESIGN AND ARCHITECTURE.

DATE: 03/12/2024.

SIMPLE MVC ARCHITECTUR EXAMPLE:

## MAIN CLASS javaApplication



```
1 package javaapplication5;
2
3 class Model {
4
5     private String data;
6
7     public String getData() {
8         return data;
9     }
10    public void setData(String data) {
11        this.data = data;
12    }
13
14
15    class View {
16        public void printData(String data) {
17            System.out.println("data" + data);
18
19
20        }
21
22    class Controller {
23        private final Model model;
24        private final View view;
25
26        public Controller(Model model, View view) {
27            this.model = model;
28            this.view = view;
29
30        }
31
32        public void setData(String data) {
33            model.setData(data);
34        }
35        public String getData() {
36            return model.getData();
37        }
38        public void updateView() {
39            view.printData(model.getData());
40        }
41    }
```

```
public class JavaApplication5 {  
  
    public static void main(String[] args) {  
  
        Model model = new Model();  
        View view = new View();  
        Controller c = new Controller(model , view);  
  
        c.setData(":    Hello, SIMPLE MVC :");  
        c.updateView();  
    }  
}
```

## RESULT:

