

WAD LABORATORY 11

1 Objectives covered in this laboratory

- ❑ Understand JSON format and its conversion with Java objects
- ❑ Applying a design pattern

2 Exercises

- a) Convert the following JavaScript object definition to JSON format:

```
var myObject = new Object();  
myObject.name = "Cessna";  
myObject.model = "152";  
myObject.year = "1984";  
myObject.color1 = "white";  
myObject.color2 = "blue";
```

- b) Use the “Polling the Server” design pattern (slides 26-27, lecture 10) to write a html page called “clock.htm”, which fetches current time from the server (you need to get the current time from the server for this exercise), then display the time on the page (see Figure 1). The time shown on the page need to be refreshed every second. You should also write a PHP script (getServerTime.php) to provide server time.

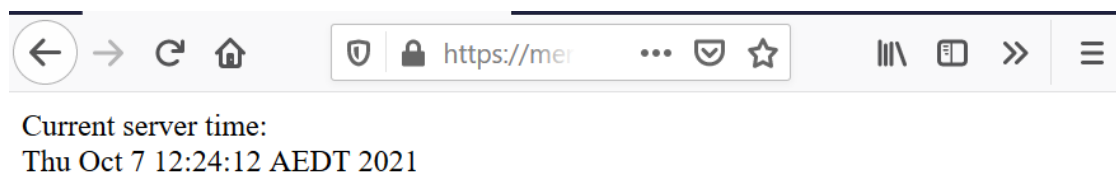


Figure 1 clock.htm