

## BOM, Date, Time, Event Propagation

6x5=30

1. Write a JavaScript program to enter date using prompt and check if the day is weekday or weekend?

prompt Nov 16, 2014

o/p weekend (OR)

Write a java script program to get the name of a day based on a given date in string format. (mm/dd/yyyy) format.

("05/05/2023") => "Friday"

2. Write a JavaScript program to calculate age.

I/p: Nov 16 2014

o/p 9 (OR)

Write a JavaScript function to get the months start and end date.

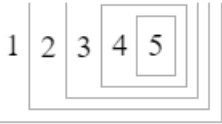
3. Write a JavaScript code that uses the current time and gives an alert message whether the class is over (Assume class ends @3:30pm).(OR) Random string generator using java script.

4. Generate random password using JavaScript. (OR) Generate random birthday wishes.

5. BOM

- Use Window Object to find width & height.
- Use Screen Object to find pixel depth.
- use Location Object to get current page URL.
- Use History Object to get the pages visited.
- Check for internet connection online/offline.

6. Write code to get the following output. Use Event propagation (capture & bubble).



capture: 1  
capture: 2  
bubble: 2  
bubble: 1  
capture: 1  
capture: 2  
bubble: 2  
bubble: 1