HOF and Functional Programming quiz	20 out of 25 correct
1. What is a higher-order function in JavaScript?	
A function that returns a function A function that takes a function as an argument	
A function that operates on a higher level of abstraction than other functions A function that is used for mathematical calculations	
Tunction that is used for mathematical calculations	
 Which of the following is an example of a higher-order function in JavaScript? forEach() 	
reduce()	
both a and bnone of the above	
3. What is the purpose of the map() function in JavaScript?	
It creates a new array by performing a transformation on each element of an existing array It filters an array based on a given condition	
It reduces an array to a single value.	
It reduces an array to a single value 4. Which of the following is an example of a callback function in JavaScript?	
<pre>setTimeout()</pre>	
setInterval() both a and b	
one of the above	
5. What is the purpose of the filter() function in JavaScript? It creates a new array by performing a transformation on each element of an existing array	
It filters an array based on a given condition It returns the first element in an array that satisfies a given condition	
It reduces an array to a single value	
6. What is the purpose of the setInterval() function in JavaScript? O It executes a function after a specified amount of time has elapsed	
It executes a function repeatedly at a specified interval	
It sets the current time on a clock display It sets the timeout period for a function to execute	
7. Wheat is the number of the cotTine out() from ation in Januar Contint?	
7. What is the purpose of the setTimeout() function in JavaScript? It executes a function after a specified amount of time has elapsed	
It executes a function repeatedly at a specified interval It sets the current time on a clock display	
It sets the timeout period for a function to execute	
8. How is the time interval specified for setInterval() and setTimeout() functions? On seconds	
O In minutes	
In millisecondsIn hours	
9. What is the difference between setInterval() and setTimeout() functions?	
setInterval() executes a function repeatedly at a specified interval, while setInterval() executes a function only once after a elapsed.	
setTimeout() executes a function repeatedly at a specified interval, while setInterval() executes a function only once after a elapsed. SetInterval() and setTimeout() are essentially the same function with different names.	specified amount of time has
setInterval() and setTimeout() are essentially the same function with alliferent names. setInterval() and setTimeout() are not related to each other.	
10. Which of the following is an example of setting a timeout in JavaScript?	
setInterval(myFunction, 1000); setTimeout(myFunction, 500);	
<pre>setInterval(myFunction, "Is"); setTimeout(myFunction, "0.5s");</pre>	
11. What is the purpose of the every() function in JavaScript?	
It checks if every element in an array satisfies a given condition It finds the first element in an array that satisfies a given condition	
It sorts the elements of an array in ascending order	
It reduces an array to a single value 12. What is the purpose of the find() function in JavaScript?	
It checks if every element in an array satisfies a given condition	
It finds the first element in an array that satisfies a given condition It sorts the elements of an array in ascending order	
It reduces an array to a single value	
13. What is the purpose of the sort() function in JavaScript? It checks if every element in an array satisfies a given condition	
It finds the first element in an array that satisfies a given condition	
It sorts the elements of an array in ascending or descending order It reduces an array to a single value	
14. What is the purpose of the reduce() function in JavaScript?	
It checks if every element in an array satisfies a given condition It finds the first element in an array that satisfies a given condition	
It sorts the elements of an array in ascending or descending order It reduces an array to a single value by repeatedly applying a function to each element	
15. What is the return value of reduce() function?	
An arrayA single value	
A boolean value	
Another function 16. What is the purpose of the clearInterval() function in JavaScript?	
It clears the timeout period for a function to execute	
It clears the interval for a function to execute repeatedly It sets the timeout period for a function to execute	
It sets the interval for a function to execute repeatedly	
17. What is the purpose of the clearTimeout() function in JavaScript? It clears the timeout period for a function to execute	
It clears the interval for a function to execute repeatedly It gots the timeout period for a function to execute.	
It sets the timeout period for a function to execute It sets the interval for a function to execute repeatedly	
18. Which of the following is the correct syntax for clearInterval() function?	
clearInterval(intervalID);	
clearInterval(timeoutID);clearTimeout(intervalID);	
clearTimeout(timeoutID); 19 Which of the following is the correct syntax for clearTimeout() function?	
19. Which of the following is the correct syntax for clearTimeout() function? clearInterval(intervalID);	
<pre>clearInterval(timeoutID); clearTimeout(intervalID);</pre>	
clearTimeout(intervalID); clearTimeout(timeoutID);	
20. When should clearInterval() or clearTimeout() functions be used in JavaScript? To prevent a function from executing repeatedly at a specified interval or after a specified timeout.	
To prevent a function from executing repeatedly at a specified interval or after a specified timeout To ensure that a function executes repeatedly at a specified interval or after a specified timeout	
 To execute a function repeatedly at a specified interval or after a specified timeout None of the above 	
21. What does the term "regex" stand for?	
 Regular expression Recursive expression 	
Referring expression	
Redundant expression 22. What is the purpose of regular expressions in JavaScript?	
To manipulate strings and search for patterns within them	
 To create new functions and objects To interact with the DOM 	
To control the flow of the program	
23. Which of the following characters represents the beginning of a regular expression in JavaScript?	
;	
24. Which of the following characters is used in a regular expression to match any single character?	
? 25. Which of the following is a valid regular expression in JavaScript to match a string that starts with "hello" and ends with "world"	"?
/hello+world/	
/hello.*world/ /^hello.*world\$/	
<pre>/^hello+world\$/</pre>	