**CA1 :TEST -CODEBASED**

SET:A COURSECODE:INT222 COURSENAME:ADVANCEWEB DEVELOPMENT

ROLLNO : REGISTRATION NO: DATE: 13/03/2023

1. let a = 'Hello';

function greet() {

let b = 'World';

console.log(a + ' ' + b);

if (b == 'World') {

let c = 'hello';

console.log(a + ' ' + b + ' ' + c);

}

console.log(a + ' ' + b + ' ' + c);

}

greet();

What will be the output of the above code:

1. HelloWorldWorld
2. HelloWorld
3. Error
4. HelloWorld

And tell the scope of variable c :

1. Which method is used to display the event one time no matter how many times it has been triggered :

Answer:

1. ****\_** variable in REPL session of NodeJS is used for?**
2. It is used to store the result
3. It is used to get the last command that was used.
4. It is used to get the last result
5. None of the above.
6. Which method executes a function, after waiting a specified number of milliseconds.
7. setTimeout
8. setInterval
9. setInterval
10. Which method is used to trigger an event :

ANSWER :

1. Which of the following code print the architecture of operating system?
   1. const os = require('os');

console.log("Architecture: " + os.arch());

* 1. const os = requisre('os');

console.log("Architecture: " + os.architecture());

* 1. const os = require('os');

console.log("Architecture: " + os.getarch());

* 1. Const os = require('os');

console.log("Architecture: " + os.getarchitecture ());

1. What is the output of the following code :

const fs= require("fs");

fs.writeFile("fs.txt","i am the original data");

1. The file fs.txt will be created and data will be added to it
2. The code will give an error.
3. Write the output of the following code:

function sub(a, b , callback){

console.log(`The subtraction of ${a} and ${b} is ${a-b}.` );

callback();

}

sub(5,6,function display(){

console.log('This must be printed after subtraction.');

});

**ANSWER:**

1. Write the syntax to append data in file in synchronous mode:

**ANSWER:**

1. **Write the following function as arrow function :**

**let x = function(x, y) {**

**return x \* y;**

**}**

**ANSWER:**

1. What will be the output of following code:

const numerator= 100, denominator = 'a';

try {

console.log(numerator/denominator);

console.log(a);

}

catch(error) {

console.log('An error caught');

console.log('Error message: ' + error);

}

finally {

console.log('Finally will execute every time'); }

1. Only try block will be executed
2. Only catch block will be executed
3. All the three blocks will be executed
4. Catch and finally will be executed
5. Which of the following code returns the hostname of the operating system?
   1. const os = require('os');

console.log("Hostname: " + os.host());

* 1. const os = require('os');

console.log("Hostname: " + os.homename());

* 1. const os = require('os');

console.log("Hostname: " + os.hostname());

* 1. All of the above

1. Which method of which module returns the information of cpu and how :

Answer:

1. Write the code to read a file in string format in asynchronous mode :

Answer:

1. Write a two line code to require event module in a program :

Answer: