Program No	2
Roll No	MCA2511
Title	Using modules in Node.js
Objective	To export functions of modules and import them in another file.

CODE:

lab2.js
```javascript
exports.myDtTime = function() {
    return Date();
}

exports.myMessage = function() {
    return("Hello World");
}

exports.Palindrome = function(str) {
    var rev ="";
    var str1 = str.toString();
    for(i=str1.length-1;i>0;i--)
    {
        rev = rev + str1.charAt(i);
    }
    if(str1==rev)
        return(str1 + " is palindrome");
    else
        return(str1 + " is not palindrome");

}

exports.sumofdigits = function(num)
{
    temp=num;
    sum=0;
    while(temp>0)
    {
```

```javascript
            sum = sum + temp%10;
            temp = parseInt(temp/10);
        }
        return("Sum of digits of "+ num + " is " + sum);
}


exports.armstorng = function(num)
{
        temp=num;
        sum=0;
        while(temp>0)
        {
            sum = sum + Math.pow(temp%10, 3);
            temp = parseInt(temp/10);
        }
        if(num == sum)
            return (num + " is an ArmStrong Number");
        else
            return (num + " is not an ArmStrong Number")
}


uselab2.js
var uselab2 = require('./lab2.js');
console.log(uselab2.myMessage());
console.log(uselab2.myDtTime());
var str = "SFDHJA";
console.log(uselab2.Palindrome(str));
var num = 153;
console.log(uselab2.sumofdigits(num));
console.log(uselab2.armstorng(num));
```

OUTPUT:

```
PS C:\Users\mcamock\Desktop\WEB_LAB\node.js> node uselab2.js
Hello World
Sat Sep 20 2025 12:16:26 GMT+0530 (India Standard Time)
SFDHJA is not palindrome
Sum of digits of 153 is 9
153 is an ArmStrong Number
```