

Q 13. Write a JavaScript program to convert meters to centimeters.

Ans:

```
function convertMetersToCentimeters() {  
    var userInput = prompt("Enter length in meters:");  
    // Converting user input to a number  
    var lengthInMeters = parseFloat(userInput);  
  
    if (isNaN(lengthInMeters)) {  
        console.log("Invalid input. Please enter a valid length in meters.");  
        return;  
    }  
    //(1 m = 100 cm)  
    var lengthInCentimeters = lengthInMeters * 100;  
  
    console.log("Length in meters: " + lengthInMeters + " m");  
    console.log("Length in centimeters: " + lengthInCentimeters + " cm");  
}  
convertMetersToCentimeters();
```

Output:

