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## **Javascript Practice**

## 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:**

```
Length in meters: 20 m
script.js:13

Length in centimeters: 2000 cm
script.js:14
```