

**Q 12. Write JavaScript program for calculating square of user define number**

**Ans:**

```
function calculateSquare() {  
    var userInput = prompt("Enter a number:");  
    // Converting user input to a number  
    var number = parseFloat(userInput);  
  
    if (isNaN(number)) {  
        console.log("Invalid input. Please enter a valid number.");  
        return;  
    }  
  
    var square = number * number;  
  
    console.log("Number entered: " + number);  
    console.log("Square: " + square);  
}  
calculateSquare();
```

**Output:**

