

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <title>JS Practice</title>
```

```
    <script src="js/script.js"></script>
```

```
</head>
```

```
<body>
```

```
    <button
```

```
onclick=document.body.style.backgroundImage="url('images/3.jpeg')">set image</button>
```

```
</body>
```

```
</html>
```

JavaScript

```
document.write(typeof arr + "<br>");
```

```
document.write(typeof st + "<br>");
```

```
document.write(typeof bool + "<br>");  
document.write(typeof floating_point + "<br>");  
document.write(typeof dt + "<br>");*/
```

```
/*
```

Operators

Mathematical Operators

+, -, *, /, %

Logical Operators

&&(AND), ||(OR), !(NOT)

Comparison Operator

== (Equal Op)

!= (Not Eq)

> (Greater Than)

< (Less Than)

>= (Greater Than or Equal)

<= (Less Than or Equal)

Assignment Operators

= (value assignment)

+= (assign and add)

-= (subtract then assign)

=*

=/

Increment/Decrement Operators

++ (increment operator)

-- (decrement operator)

```
var x = 5;
```

```
x+= 2;
```

```
x-=5;
```

```
x*=4;
```

```
var y =x % 3;
```

```
alert(y);
```

```
alert(x);
```

```
x-=4;
```

```
console.log(x);
```

Conditional Statement

if() statement

if...else statement

else.. if statement used for multiple condition check.

switch...case statement used for multiple condition check.

```
var age = prompt("Enter Your Age");
```

```
if(age >= 18)
```

```
{
```

```
    //if condition is true
```

```
    document.write("You are adult");
```

```
}
```

```
else
```

```
{
```

```
    //if condition is not true
```

```
    document.write("You are child");
```

```
}
```

```
document.write("<br>");
```

```
var one = prompt("Enter first number");
```

```
var two = prompt("Enter second number");
```

```
one = parseInt(one);
```

```
two = parseInt(two);
```

```
if(one == two)
```

```
{
```

```
    document.write(one+"is equal to"+two);
```

```
}
```

```
else if(one < two)
```

```
{
```

```
    document.write(one+"is less than"+two);
```

```
}
```

```
else
```

```
{  
    document.write(one+"is greater than"+two);  
}*/
```

```
//switch...case statement
```

```
/*var grade = prompt("Enter Your Grade");
```

```
switch(grade)  
{  
    case 'A':case 'a':  
        document.write("Good Mark!");  
        break;  
  
    case 'B': case 'b':  
        document.write("Pretty mark");  
        break;  
  
    case 'C':
```

```
document.write("Passed");  
break;  
  
case 'D':  
document.write("Not so good!");  
break;  
  
case 'F':  
document.write("Better Luck Next Time");  
break;  
  
default:  
document.write("Unknown Grade!");  
}*/  
  
let answer = prompt("What is the capital of  
France?\nA)Madrid\nB)Berlin\nC)Paris\nD)Rome\n\nEnter the letter of your answer:");
```



```
switch (answer)
{
    case "A":
        alert("Wrong! The capital of France is not Mardird");
        break;
    case "B":
        alert("Wrong! The capital of France is not Berlin");
        break;
    case "C":
        alert("Correct! The capital of France is Paris");
        break;
    case "D":
        alert("Wrong! The capital of France is not Rome");
        break;

    default:
```

```
        alert("Invalid Choice!");  
        break;  
    }
```

```
let answer2 = prompt("What is the capital of  
Bangladesh?\nA)Madrid\nB)Dhaka\nC)Paris\nD)Rome\n\nEnter the letter of your answer:");
```

```
switch(answer2)  
{  
    case "A":  
        alert("Wrong! The capital of Bangladesh is not  
Madrid");  
        break;  
  
    case "B":  
        alert("Correct! The capital of Bangladesh is Dhaka");
```

```
break;
```

```
case "C":
```

```
    alert("Wrong! The capital of Bangladesh is not  
Paris");
```

```
    break;
```

```
case "D":
```

```
    alert("Wrong! The capital of Bangladesh is not  
Rome");
```

```
    break;
```

```
default:
```

```
    alert("Invalid Choice!");
```

```
    break;
```

```
}
```

```
if(answer)
```

```
{
```

```
    document.write("Correct answer is:"+answer);  
}
```

```
if(answer2)  
{  
    document.write("Correct answer is:"+answer2);  
}
```