Answer 4: Logical Operators

```
<!DOCTYPE html>

<head >

<script>

var k=true;  a=10;  b=15;  c=10;  x=54;  y=33;

document.write((x>y && a<b) +"<br><br>")          TRUE

document.write((x>y || b<a) +"<br><br>")          TRUE

document.write((k=!k)  +"<br><br>");              FALSE

document.write(( a<b&& y<x) +"<br><br>")          TRUE

document.write((y>=x||y>=b) +"<br><br>")          TRUE

document.write((x==y || a==c) +"<br><br>")        TRUE

 document.write(( y>x && a!=c) +"<br><br>")       FALSE
</script>

</head>

<body>

</body>

<html>
```