



## INDIAN SCHOOL DARSAIT DEPARTMENT OF ICT



<b>Subject:</b> Multimedia & Web Technology	<b>Topic:</b> Control Statements	<b>Worksheet No.:</b> 3
<b>Resource Person:</b> Sara Alex		<b>Date:</b> _____
<b>Name of the Student :</b> _____	<b>Class &amp; Div:</b> XII C	<b>Roll Number :</b> ____

<b>Find the output of the following questions:</b>	
<p>a) <pre>&lt;script language="javascript"&gt; var sum, a sum=0 for(a=1; a&lt;8; a++) { sum=sum+a } document.write(sum + "&lt;BR&gt;" + a) &lt;/script&gt;</pre></p>	<p>b) <pre>&lt;script language="javascript"&gt; var i; i=0 for(i=1; i&lt;=20; i++) { document.write(i + " "); i=i+2; } &lt;/script&gt;</pre></p>
<p>c) <pre>&lt;script language="javascript"&gt; var i, x; i=1 x=0 for(i=1; i&lt;10; i*=2) { x++ document.write(x) } document.write("&lt;BR&gt;" + i) &lt;/script&gt;</pre></p>	<p>d) <pre>&lt;script language="javascript"&gt; var i=0, x=0; while(i&lt;10) { if((i%2)==0) { x=x+i document.write(x + " "); } i++; } &lt;/script&gt;</pre></p>
<p>e) <pre>&lt;script language="javascript"&gt; var a, b, c, sum_even=0, sum_odd=0; a=20, b=1; while(b&lt;=a) { if(b%2==0) sum_even+=b; else sum_odd+=b; b++; } document.write("sumof even No. = " + sum_even); document.write("&lt;br&gt;sumof odd No. = " + sum_odd); &lt;/script&gt;</pre></p>	<p>f) <pre>&lt;script language="javascript"&gt; var i, x; i=1 x=0 do { if(i%5 == 0) { x++; document.write(i + " " + x + "&lt;BR&gt;") } i++ }while(i&lt;20) &lt;/script&gt;</pre></p>

<p>g) <code>&lt;script language="javascript"&gt; var out, inn; for(out=1; out&lt;10; out+=4) { for(inn=1; inn&lt;=out; inn+=2) document.write(out + " " + inn + "&lt;br&gt;") } &lt;/script&gt;</code></p>	<p>h) <code>var str = "HELLO"; for(i=str.length; i&gt;=1; i--) { for(a=0; a&lt;i; a++) { document.write(str.charAt(a)); } document.write("&lt;br&gt;"); }</code></p>
<p>i) <code>&lt;script language="javascript"&gt; var str = "HELLO"; for(i=1; i&lt;=str.length; i++) { for(a=0; a&lt;i; a++) { document.write(str.charAt(a)); } document.write("&lt;br&gt;"); }</code></p>	<p>j) <code>var str = "ABCDE"; for(i=str.length; i&gt;=1; i--) { for(a=0; a&lt;i; a++) { document.write(str.charAt(a)); } document.write("&lt;br&gt;"); }</code></p>
<p>k) <code>var str = "ABCDE"; for(i=1; i&lt;=str.length; i++) { for(a=0; a&lt;i; a++) { document.write(str.charAt(a)); } document.write("&lt;br&gt;"); }</code></p>	<p>l) <code>var A, B, C; for (A=1; A&lt;=12; A+=3) { for(B=10; B&gt;=5; B-=3) { C=A+B; document.write(C); } document.write("&lt;br&gt;"); }</code></p>
<p>m) <code>&lt;script language="javascript"&gt; var i; for(i=10; i&lt;=50; i+=10) { j=i/2; document.write(j + " "); } &lt;/script&gt;</code></p>	<p>n) <code>var A=0, B=1, C, i; for(i=1; i&lt;=5; i++) { C=A+B; document.write(C); A=B; B=C; }</code></p>
<p>o) <code>&lt;script language="javascript"&gt; var A=1, B; while(A&lt;=5) { B=2; while(B&lt;=A*A) { document.write(B) B+=5 } document.write("&lt;br&gt;") A+=1 } &lt;/script&gt;</code></p>	<p>p) <code>&lt;script language="javascript"&gt; for(i=1; i&lt;=6; i++) { document.write("&lt;h" + i + "&gt;" + "HELLO" + "&lt;/h" + i + "&gt;"); } &lt;/script&gt;</code></p>