



INDIAN SCHOOL DARSAIT DEPARTMENT OF ICT



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| Subject: Multimedia & Web Technology | Topic: Looping Statement | Worksheet No.: 2 |
| Resource Person: Sara Alex | | Date: _____ |
| Name of the Student : _____ | Class & Div: XII C | Roll Number : ____ |

| Change the following script to <u>for loop</u> or <u>while loop</u> without effecting the output: | |
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| a) <pre>var str = "ABCDE"; for(i=str.length; i>=1; i--) { for(a=0; a<i; a++) { document.write(str.charAt(a)); } document.write(" "); }</pre> | b) <pre>var str = "HELLO"; for(i=str.length; i>=1; i--) { for(a=0; a<i; a++) { document.write(str.charAt(a)); } document.write(" "); }</pre> |
| c) <pre>var a, b, c, sum_even=0, sum_odd=0; a=20, b=1; while(b<=a) { if(b%2==0) sum_even+=b; else sum_odd+=b; b++; } document.write("sum even No. = " + sum_even); document.write("sum odd No. = " + sum_odd);</pre> | d) <pre>var A=1, B; while(A<=5) { B=2; while(B<=A*A) { document.write(B) B+=5 } document.write(" ") A+=1 }</pre> |
| e) <pre>var i=0, x=0; while(i<10) { if((i%2)==0) { x=x+i document.write(x + " "); } i++; }</pre> | f) <pre>var A, B, C; for (A=1; A<=12; A+=3) { for(B=10; B>=5; B-=3) { C=A+B; document.write(C); } document.write(" "); }</pre> |
| g) <pre>var i; for(i=10; i<=50; i+=10) { j=i/2; document.write(j + " "); }</pre> | h) <pre>var A=0, B=1, C, i; for(i=1; i<=5; i++) { C=A+B; document.write(C); A=B; B=C; }</pre> |