

Exercise for Selection and Iteration Statements

1.	<pre>x=10,y=20; if(x<y (x=5)>10) System.out.println(x); else System.out.println(y);</pre>	
2.	<pre>int a=10,b=20,c=39; if(a+b>c) System.out.println("Ramesh"); else System.out.println("Binita");</pre>	
3.	<p>Rewrite the following if-else statement in terms of switch-case statements?</p> <pre>if(code=='A') System.out.println("Excellent"); else if(code == 'B' code == 'C') System.out.println("Good"); else if(code == 'D') System.out.println("Poor");</pre>	
4.	<pre>int a = 0; if(a>0 && a<20) a++; else a-- ; System.out.println(a);</pre>	
5.	<pre>int a= 5, b = 2,c; if (a>b a != b) c = ++a--b; System.out.print(c+ " "+a+ " "+b);</pre>	
6.	<pre>int a=10,b=15,c=25 i) (a==(b+c)&&b==(a-c) ii) (a==b+c) b==(a+c)</pre>	
7.	<pre>int i = 1; while(i++<=1) { i++; System.out.print (i + ""); } System.out.print(i);</pre>	
8.	<pre>if (500>200) x = 200 else x = 100</pre> <p>Transfer the above Conditional Statement into ternary operator .</p>	
9.	<pre>int i= 0, a=0,b=0,c=0; while(i<=5) { switch(i++) { case 1: a++; case 2: case 3: b++; case 4: default : c++; } } System.out.println(a+ " "+ b+ " "+ c);</pre>	
10	<pre>for(int l=2;l<15;l++); { while(l<6) continue; System.out.println(l*=2); }</pre>	

11	<pre>int x=29; while(x>0) { x/=10; System.out.println(x); }</pre>	
12	<pre>int a=5,b=0; while(b<5) { b++; a--; System.out.println(a+" "+b); } System.out.println(a+" "+b);</pre>	
13	<pre>int x,y=2 for(x = y; x<=50;) { System.out.print(x+ " "); x*=5; } System.out.print(x);</pre>	
14	<pre>int k=1,j=0 while (k <=10) { for(j=k; j<5;j++) { System.out.print(j+" "); } System.out.println(); k++ ; }</pre>	
15	<pre>int a = 0, p=1; for(int i = 0; i < 5; ++i) {a = a + p * (i+2); System.out.println(a);}</pre>	
16	<pre>int choice = 1,x=0, y=0, z=0; switch(choice++) { case 2: x++; y--; z++; break; case 3: x+=2; y+=3; z-=3; default: ++x; ++y; ++z; } System.out.println("x="+x+"y="+y+"z="+z);</pre>	
17	<pre>char i; int j; for(i='A',j=10;j>=1;i++,j--) System.out.print(i+" "+(j*j-1)+" ");</pre>	
18	<p>State the output when number=123 and also state what the method is doing?</p> <pre>void main(int number) {int a, b=number, c=0, d, s=0; while (b!=0) { d=b%10; a=(int)Math.pow(10,c++); System.out.println(d*a); b=b/10;}</pre>	
19	<p>How many times the following loop will execute and what will be the values of variable x and y after the loop</p> <pre>int x=2,y=50,c=0; do { ++x; y-=x++; }while(x<=10); System.out.println(x+" "+y);</pre>	
20	<pre>for(char i='0';i<='9';i++) { System.out.print((i-48)*2+" "); }</pre>	