

APCS - Boolean Worksheet

Show the output of each block of code below.

1. int a=5; boolean flipper = false; if(flipper a>4) { out.println("short"); } out.println("fun");	Output: short fun			
2. int b=9, c=7; if(b<4 ++c<8) { out.println("fly"); } out.println(c);	Output: 8			
3. int d=9, e=13; if(d>4 && ++e>15) { out.println("go"); } out.println(e);	Output: 14			
4. int f=9, g=13; if(f>4 ++g>15 && f>0) { out.println("run"); } out.println(g);	Output: run 13			
5. int h=9, i=13; if(h<4 ++i>13 && h>8) { out.println("run"); } out.println(i);	Output: run 14			
6. u = w && v !v	Fill in the truth table: <table><tr><td>v</td><td>w</td><td>u</td></tr></table>	v	w	u
v	w	u		

	1	1	1	
	1	0	0	
	0	1	1	
	0	0	1	