

Assignment 5

(Short questions)

Find the output of the following questions and explain your answer.

<pre>void main() { int a=300, b=10,c=20; if(!(a>=400)) b=300; c=200; printf("b=%d,c=%d",b,c); }</pre>	<pre>void main() { int x=10, y=-20; x=!x; y=!y; printf("%d%d",x,y); }</pre>
<pre>void main() { int a=500,b=100,c; if(!a>=400) b=300; c=200; printf("b=%d,c=%d",b,c); }</pre>	<pre>void main() { int i=10,j=40; if((j-i)%10) printf("Hello"); else printf("Hi"); }</pre>
<pre>void main() { int x,y; x=10,20,30; y=(10,20,30); printf("x=%d,y=%d",x,y); }</pre>	<pre>void main() { int i=1; i=2+2+i++; printf("i=%d",i); }</pre>
<pre>void main() { int x=3,y,z; y=z=x; z*=y=x*x; printf("x=%d,y=%d,z=%d",x,y,z); }</pre>	<pre>void main() { int x=3,y=4; y%=3+4; x*=x+5; printf("x=%d,y=%d",x,y); }</pre>
<pre>void main() { if(~0==1) printf("yes"); else printf("no"); }</pre>	<pre>void main() { if(!0==1) printf("yes"); else printf("no"); }</pre>
<pre>void main() { float i=3.2; switch(i) { case 1: printf("one"); break; case 2: printf("two"); break; default: printf("zero"); } }</pre>	<pre>void main() { printf("\nab"); printf("\bsi"); printf("\rha"); }</pre>