EE 150 Quiz #5

Due: Nov 1, 1996 (in class)

As before, show me tables of the values changing and describe the output. Be careful.

```
#include <stdio.h>
main()
{
int a; int b; int c; int d; int i;
int table[5];

i = 0,  a = 1,  b = a++,  c = 2 + --a;
b * c;  d = 10, d /= b;

for(;d > 0;)
    printf("Loop %i D is ... %i\n", i, d), d -= 2, table[i] = d, i++;

    printf("Table position 4 is ... %i\n", table[4]);

a = (a += b);              printf("A is ... %i\n", a);
d = (a == 3) ? 99 : 33;    printf("D is ... %i\n", d);
if ( (d == 99), (d != 99) )
  printf("Stupid Commas\n");
else
  printf("Commas are fun\n");
a = 6, b = 10;             d = (c = a + b) + (a == b) + (9 == 1);
printf("C is tricky, but D is ... %i\n", d);

if (b > a) goto badidea;
else { printf("Missed badidea!\n");
       goto goodidea; }

badidea:   printf("Gotos are bad for you!\n");
goodidea:  printf("Go away Gotos!\n");
}
```