The Naughty `C'

For Novice and Intermediate C Programmers

<u>To get the answer highlight the answer line (It may not be there)</u>

- **Find MAXIMUM of three distinct integers using a single C statement**

   Ans : d= (a>b) ? ((a>c) ? a : c)) : ((b>c) ? b : c))

- **Swap two variables without using any extra variable**

   Ans : a=a+b;b=a-b;a=a-b;

- **Construct a doubly linked list using a single pointer in each node**

   Ans :

- **int i=0; while(i=0) printf("%d",++i); Guess the output**

   Ans : The Loop is <u>not</u> executed, since the assignment statement returns the assigned value zero which is equivalent to false in C

- **int i=0; while(i=1) printf("%d",++i); Guess the output**

   The Loop is executed forever always printing 2, since the assignment statement returns the assigned value one which is equivalent to true in C

- **int x=2, y=6, z=6; x=y==z; printf("%d",x); Guess the output**

   The == has higher precedance than