#1. The keyword _______________ is used to turn off all kinds of optimizations in C/C++/Java.

#2. A TLB (Translation Lookaside Buffer) caches recent _______________ to _______________ address translations/mappings.

The _______________ is responsible for performing the above address translations/mappings.

#3. Given the following program, reorder the printf lines so that the values that are printed when run on a Sun SPARC system are displayed from smallest values to largest values.

```c
int a;

int
main( int argc, char *argv[] ) {
    static int b = 7;
    int x;

    /* 1 */ (void) printf( "a --> %p\n", &a );
    /* 2 */ (void) printf( "malloc --> %p\n", malloc(50) );
    /* 3 */ (void) printf( "argc --> %p\n", &argc );
    /* 4 */ (void) printf( "x --> %p\n", &x );
    /* 5 */ (void) printf( "main --> %p\n", main );
    /* 6 */ (void) printf( "b --> %p\n", &b );
}
```

_________ This line number would print the smallest value

_________ This line number would print the largest value

(over)
What question would you most like to see on the Final Exam?