This quiz is to be taken by yourself with closed books, closed notes, no calculators.

1. Consider the following program. Identify the scope/visibility of the marked parts of the program with the corresponding letter from the list below.

A) The Function \texttt{function2()}
B) The Entire Program including Other Source Files
C) This Source File (and No Other Source Files)
D) The Function \texttt{main()}

```c
#include <stdio.h>

#define SIZE 5

int function2( int array[], int size );

long fellow = 420; ______
static int cling; ______

void main( void ) ______
{
    int array[SIZE] = { 0, 3, 5, 2, 6 }; ______
    static int result = 420; ______
    /* Other code here */
}

int function2( int array[], int size ) ______ ______ ______
{
    static int i = 420; ______
    int result = 420; ______
    /* Other code here */
}
```

How many times is the variable \texttt{result} in \texttt{function2()} initialized to 420 if \texttt{function2()} is called 10 times?

______ times

How many times is the variable \texttt{i} in \texttt{function2()} initialized to 420 if \texttt{function2()} is called 10 times?

______ times

(continued on other side)
2. Consider the following strings variable definitions.

```c
char s1[] = "I love";
char s2[] = "CSE 5A!";
char s3[20];
strcpy(s3, "to program!");
```

What gets printed?

```c
printf("%c", s2[2]);
printf("%d", strlen(s3));
```

Fill in the blanks to complete the following tasks:

/* The resulting output is "I love to program!" in a single printf() statement. */
```c
printf("%c %c", ______, ______);
```

/* Change the '!' in string s2 to '?' */
```c
________ = '?';
```

3. What question would you like to see on the Final Exam?