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 main()
B) This Source File
C) The Entire Program including Other Source Files
D) The Function function2()

```c
#include <stdio.h>
#define SIZE 5

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

long fellow = 420; ______

static int cling; ______

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

int function2( int array[], int size ) ______
{
    (function2(){...}) (array) (size)
    int i = 0; ______
    static int result = 0; ______
    /* Other code here */
}
```

How many times is the variable result in function2() initialized to 0 if function2() is called 5 times? ______ times

How many times is the variable i in function2() initialized to 0 if function2() is called 5 times? ______ times

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

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

What gets printed?

```c
printf("%c", s1[4] );
printf("%d", strlen(s3));
```

Fill in the blanks to complete the following tasks:

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

/* The resulting output is "I love CSE 5A!" in a single printf() statement. */
```
printf("%___ %___", ______, ______);
```

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