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

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

A) C Preprocessor Directive  
B) Global Variable  
C) Local Variable  
D) Function Definition  
E) Internal Static Variable  
F) (Formal) Parameter  
G) Function Prototype  
H) External Static Variable

#include <stdio.h> ______
#define SIZE 5 ______
int function( int array[], int size ); ______ (entire line)
static long fellow = 420; ______
int cling; ______

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

int function( int array[], int size )
{
    (function(){...}) (array) (size)
    static int i = 0; ______
    int result; ______
    /* Other code here */
}
2. Consider the following structure definition and variable declarations.

```c
struct Q4
{
    int a;
    double b;
    int c[4];
    int d;
    char e;
};
```

Fill in the blanks to complete the following tasks:

/* Print the value of the struct member b in var2 */

```c
printf( "%____\n", ______________ );
```

/* Copy the value from the struct member d in var1 to the struct member a in var3 */

```c
___________________ = ______________;
```

/* Assign the value 420 to the third array element in the struct member c in var1 */

```c
____________________ = 420;
```

3. What gets printed?

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

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

int main( void )
{
    int array[SIZE] = { 0, 3, 5, 2, 6 };  
    int result, i;
    
    result = doSomething( array, SIZE );
    printf( "%d\n", result );
    for ( i = 0; i < SIZE; ++i )
    {
        printf( "%d\n", array[i] );
    }
    return 0;
}

int doSomething( int a[], int size )
{
    int i;
    int result = 0;
    
    for ( i = 0; i < size; ++i )
    {
        a[i] = size + a[i];
        result = result + a[i];
    }
    return result;
}
```