CS 211

QUIZ 3

```
What is the output of C Program?
(1)
            #include <stdio.h>
            int main() {
                                            ] - inegal compiler esson
                  printf("%d\n", a[0]);
            }
       You declare and define the following function
       Then, you run the following snippet of code. What
       will be printed to the command line?
       int a = 4;

int b = 12;

int c = quizSwap ( a, 80 ); \rightarrow after func: u = 4, b = 4, c = 12

printf ("%d\n", a+b+5);

u = 4, b = 4, c = 12
                        punn 20
  Here is a short program:
       #include <stdlib.h:
       typedef struct quiz {
  float* data;
       } quiz_t;
       int main () {
                 *(my Quiz Type). date
       What is the correct data type in the ???? for thingVar?
        float *
 (7) What is the result of this program:
         #include <stdio.h>
         int main() {
            int x[1] = \{10\};
            printf("%d\n", x[-1]);

Stack buffer unduflow
```

```
Output of following program?
       (2)
                                                      #include <stdio.h>
                                                     fun ( &pointer ) ? Ptv to ptv
                                                           #include statis.h

#include statis.h

in main () {

Int number var;

int pointer var = malloc(size of (int));

configure to C memory model, where are new to the configure of the configuration of the c
(U) #include <stdlib.h>
                                  number or in Stack, pointer var in heap
   (6)
                                                  #include <stdlib.h>
                                                  #include <stdio.h>
                                                  typedef struct node {
                                                                     char job;
                                                                     struct node* next:
                                                  } Node;
                                                  int main() {
                                                                      Node myNode = { .job='A', .next=NULL };
                                                                      printf( "%c\n", myNode.next->job, ); L. derfunus
                                                  Error, doefaring NULL pointer
```