# Test 3B: Programming

**Due** No due date **Points** 15 **Questions** 1
**Available** Apr 7 at 7:15pm - Apr 7 at 8:15pm about 1 hour **Time Limit** 30 Minutes

# Instructions

**Write the code of the functions based on the given specifications. Full points are given to functions written efficiently. In each of the function, there should only be one (1) return statement ONLY and conditions in the iteration and alternation statements should be a relational expression.**

```
Preformat your code. Highlight code, Under Paragraph press Preformatted.
Example:
    printf("\nHello World");
```

This quiz was locked Apr 7 at 8:15pm.

## Attempt History

| | Attempt | Time | Score |
|---|---|---|---|
| **LATEST** | Attempt 1 | 23 minutes | 0 out of 15 |

ⓘ Correct answers are hidden.

Score for this quiz: **0** out of 15
Submitted Apr 7 at 8:10pm
This attempt took 23 minutes.

## Question 1 — 0 / 15 pts

Given the datatype definition of a list of person records and an index record:

```
#define Max 60
typedef struct Addr {
```

```
/*Complete name with Lastname,
Firstname, and Middle Initial */
```

```
typedef struct stud {
```

```
  int HouseNum;
  char StreetName[20];
  char Barrio[20];
  char City[15];
  int ZipCode;
}Address;
```

```
typedef struct name{
  char Lname[16];
  char Fname[24];
  char MI;
}Nametype;
```

```
   char ID[10];
   Nametype pName;
   int age;
   char gender; /* 'F', 'M' */
   Address Addr;
   float salary; /*monthly sa
}PersonRec;
```

**Index record for each person record contains the ID number and its index position in the array, i.e. first record's index position is 0. The function will create an array on index records for the given person list. The array will be terminated by a dummy index record containing "XXXXXX" and -1 for string and integral members respectively and will be returned to the calling function. Write the code of the function.**

Preformat your code.

Your Answer:

```
indexRecord* var (personList list[]){
     int x =0;
     int z=0;
      char terminate1[10] = "XXXXXX";
      int terminate2 = -1;
    indexRecord* newList = malloc(sizeof(indexRecord));
     while(strmcp(var[z].ndxID, terminate1 && var.ndxPos[z] == -1){
        for(x = 0; x != '\0'; x++){
             if(list == var[x]){
                 newList = x;
             }
         }
     z++;
    }
   return list;
}
```

Quiz Score: **0** out of 15