Suzianne II. Hill

9) Consider the following statements:

```
int "p;
int i:
int k;
i - 42
k - i.
p-di.
```

After these statements, which of the following statements will change the value of i to 14?

E. Two or more of the answers will change i to 14.

10) Write a C program that manages a linked list. Your program should include functions: void list_insert(int val); int list_search(int val); The first function inserts an integer value to the ordered list and the second function searches an integer value in the list and returns its index. You can write a main() function to call the two functions. Make sure the elements in the fist are ordered.

a. You can define your struct type for each entry in the list.

```
ist_insert (intral dilist);
# include (station)
                                              3 Return ();
 Struct nocle &
      int index;
                                              Int list search (int val, struct node + list) }
       int val
                                                ishite (list 1 = muli) {
if (list > va) = val) {
peturn (alist > index)
}
list = list > next;
       Struct node * next;
(nt main () ?
  struct node
  Struct node lists
struct node light
struct node light
                                                   3 return 0;
   Shruct Mode 111944
   Historialey = 15)
                                                void liet_ingert (int wal, struct nocke * 11st)}
   Motural = 53
                                                   if (val & list svat)

return 0:

while (list = mall) {

if (val = list = half rol > list > val)
   Mistz. induce = (16)
   1119+3, index = 17,
   1119t3, val = 9;
1119t4, index = 18;
                                                                list = list = next
   11/9th val = 12;
   list moch ( 6, Stirt)
                                                               list-sua = val
                                                           return 0; 3
```