Referencing Nonexistent Variables

Forgetting that local variables disappear when a function returns

```
int *foo () {
    int val signment Project Exam Help
    return &valtps://tutorcs.com
}

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```

Freeing Blocks Multiple Times

Nasty!

Referencing Freed Blocks

Evil!

Failing to Free Blocks (Memory Leaks)

Slow, long-term killer!

```
foo() {
   int *x = malloc(N*sizeof(int));
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        return;
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```

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Failing to Free Blocks (Memory Leaks)

Freeing only part of a data structure

```
struct list {
   int val;
   struct liAssignment Project Exam Help
};
                https://tutorcs.com
foo() {
   struct list *Wead Famalloc(sizeof(struct list));
  head->val = 0;
  head->next = NULL;
   <create and manipulate the rest of the list>
   free (head) ;
   return;
```