

# Handout: Review Questions

```
struct ll_node {  
    long data;  
    struct ll_node* next;  
} n1, n2;
```

- ❖ How much space does (in bytes) does an instance of struct ll\_node take?
- ❖ Which of the following statements are syntactically valid?
  - n1.next = &n2;
  - n2->data = 351;
  - n1.next->data = 333;
  - (&n2)->next->next.data = 451;

# Handout: Practice Question

- ❖ Minimize the size of the struct by re-ordering the vars

```
struct old {  
    int i;  
  
    short s[3];  
  
    char* c;  
  
    float f;  
};
```



```
struct new {  
    int i;  
  
    _____;  
  
    _____;  
  
    _____;  
};
```

- ❖ What are the old and new sizes of the struct?

`sizeof(struct old) = 32 B`

`sizeof(struct new) = _____`

- A. 22 bytes
- B. 24 bytes
- C. 28 bytes
- D. 32 bytes
- E. We're lost...