1. What C function is used to determine the size of either a type or variable?

2. Assume we have two variables, `s1` and `s2`, declared like so:

```
char *s1;
char *s2;
scanf("%s", s1);
scanf("%s", s2);
```

   Write an if statement that prints `same` if the strings are equal, and prints `not equal` otherwise.

3. Study the header file contents below:

```
#ifndef HEADER_H_
#define HEADER_H_

#include <stdint.h>

typedef struct node {
    int32_t data;
    struct node *next;
} node_t;

node_t *new_node(int32_t data);

#endif
```

   What portion of the code is a part of the "include guard"? What is the purpose of an "include guard"?