```c
// Demonstrates escape sequences

#include <stdio.h>

int main(void)
{
    printf("Hello, world\u263A!%012.4f\a\n", 3.14);
}
```

```c
 1    // Prints sizes of types
 2
 3    #include <cs50.h>
 4    #include <stdio.h>
 5
 6    void print_size(string type, size_t size)
 7    {
 8        printf("Size of %s is %zu\n", type, size);
 9    }
10
11    int main(void)
12    {
13        print_size("char", sizeof(char));
14        print_size("short", sizeof(short));
15        print_size("int", sizeof(int));
16        print_size("long", sizeof(long));
17        print_size("long long", sizeof(long long));
18        print_size("float", sizeof(float));
19        print_size("double", sizeof(double));
20        print_size("string", sizeof(string));
21    }
```

```c
1   // Prints size of an int
2
3   #include <cs50.h>
4   #include <stdio.h>
5
6   int main(void)
7   {
8       printf("Size of int is %zu\n", sizeof(int));
9   }
```