```c
#include <stdio.h>

int main() {
  char hello[] = "Hello!";
  char hellonum[] = { 72,        101,       108,       108,       111,       33,       0 };
  char hellobin[] = { 0b1001000, 0b1100101, 0b1101100, 0b1101100, 0b1101111, 0b100001, 0b0 };

  puts(hello);
  puts(hellonum);
  puts(hellobin);

  printf("%c %c %c\n", hello[0], hello[1], hello[2]);

  printf("%d %d %d\n", hello[0], hellonum[0], hellobin[0]);
  printf("%c %c %c\n", hello[0], hellonum[0], hellobin[0]);
}
```

```
$ gcc hellobin.c -o hellobin
$ ./hellobin
Hello!
Hello!
Hello!
H e l
72 72 72
H H H
```

```c
#include <stdio.h>
#include <stdlib.h>
#include <string.h>

int main() {
  char hello[] = "Hello class!";
  char apple[] = "apple";
  char hello_0[] = "Hello\0class!";

  printf("%ld\n", strlen(hello));
  printf("%ld\n", strlen(apple));

  printf("%s, length: %ld\n", hello_0, strlen(hello_0));

  hello[7] = 0;

  printf("%s, length: %ld\n", hello, strlen(hello));

  return 0;
}
```

```
$ gcc strlen.c -o strlen
$ ./strlen
12
5
Hello, length 5
Hello c, length: 7
```

```c
#include <stdio.h>

int main() {
    char hi[] = "Hi all!";
    char helloeveryone[] = { 'H', 'e', 'l', 'l', 'o', ',', ' ',
                             'e', 'v', 'e', 'r', 'y', 'o', 'n', 'e', '!' };
    puts(hi);
    puts(helloeveryone);
}
```

```
$ gcc adjacent.c -o adjacent
$ ./adjacent
```