

```
1  #include <cs50.h>
2  #include <stdio.h>
3  #include <string.h>
4
5  int main(void)
6  {
7      string phrase = get_string("Phrase: ");
8      for (int i = 0, length = strlen(phrase); i < length - 1; i++)
9      {
10         if (phrase[i] > phrase[i + 1])
11         {
12             printf("Not in alphabetical order!\n");
13             return 0;
14         }
15     }
16     printf("In alphabetical order!\n");
17     return 0;
18 }
```

---

```
1 #include <cs50.h>
2 #include <stdio.h>
3
4 int main(int argc, string argv[])
5 {
6     for (int i = 0; i < argc; i++)
7     {
8         printf("argv[%i] is %s\n", i, argv[i]);
9     }
10 }
```

```
1  #include <cs50.h>
2  #include <stdio.h>
3
4  int main(void)
5  {
6      int sequence[5];
7
8      sequence[0] = 1;
9      printf("%i ", sequence[0]);
10
11     for (int i = 1; i < 5; i++)
12     {
13         sequence[i] = sequence[i - 1] * 2;
14         printf("%i ", sequence[i]);
15     }
16     printf("\n");
17 }
```

```
1  #include <cs50.h>
2  #include <stdio.h>
3  #include <string.h>
4
5  int main(void)
6  {
7      string text = "This is CS50";
8      for (int i = 0, length = strlen(text); i < length; i++)
9      {
10         printf("%i", text[i]);
11     }
12     printf("\n");
13 }
```