```
Enter number of cards in hand: 5
Your hand:
Seven of clubs
Two of spades
Five of diamonds
Ace of spades
Two of hearts
```

Hint: Replace `rank_code` and `suit_code` by arrays containing pointers to strings.

W 4. Write a program named `reverse.c` that echoes its command-line arguments in reverse order. Running the program by typing

```
reverse void and null
```

should produce the following output:

```
null and void
```

5. Write a program named `sum.c` that adds up its command-line arguments, which are assumed to be integers. Running the program by typing

```
sum 8 24 62
```

should produce the following output:

```
Total: 94
```

atoi function ➤26.2

Hint: Use the `atoi` function to convert each command-line argument from string form to integer form.

W 6. Improve the `planet.c` program of Section 13.7 by having it ignore case when comparing command-line arguments with strings in the `planets` array.

7. Modify Programming Project 11 from Chapter 5 so that it uses arrays containing pointers to strings instead of `switch` statements. For example, instead of using a `switch` statement to print the word for the first digit, use the digit as an index into an array that contains the strings `"twenty"`, `"thirty"`, and so forth.

8. Modify Programming Project 5 from Chapter 7 so that it includes the following function:

```
int compute_scrabble_value(const char *word);
```

The function returns the SCRABBLE value of the string pointed to by `word`.

9. Modify Programming Project 10 from Chapter 7 so that it includes the following function:

```
int compute_vowel_count(const char *sentence);
```

The function returns the number of vowels in the string pointed to by the `sentence` parameter.

10. Modify Programming Project 11 from Chapter 7 so that it includes the following function:

```
void reverse_name(char *name);
```

The function expects `name` to point to a string containing a first name followed by a last name. It modifies the string so that the last name comes first, followed by a comma, a space, the first initial, and a period. The original string may contain extra spaces before the first name, between the first and last names, and after the last name.

11. Modify Programming Project 13 from Chapter 7 so that it includes the following function:

```
double compute_average_word_length(const char *sentence);
```

The function returns the average length of the words in the string pointed to by `sentence`.