```c
13      // Move to end of first string
14      while(str1[i] != '\0') {
15          i++;
16      }
17
18      // Append second string to first string
19      while(str2[j] != '\0') {
20          str1[i] = str2[j];
21          i++;
22          j++;
23      }
24
25      str1[i] = '\0';    // Add null character at the end
26
27      printf("Concatenated string: %s", str1);
28
29      return 0;
30  }
31
```

```
Enter first string: hello
Enter second string: world
Concatenated string: helloworld

=== Code Execution Successful ===
```