Listing 1

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1. A Simple Example. This is a trivial example of a `CWEB` program. It is, of course, the classic "hello, world" program we all know and love:

```
⟨Header files needed by the program 3⟩
main(void)
{
  ⟨Print the message "hello, world" 2⟩
}
```

2. Naturally, we use *printf* to do the dirty work:

```
⟨Print the message "hello, world" 2⟩ ≡
  printf("hello, world\n");
```

This code is used in section 1.

3. The prototype for *printf* is in the standard header, `<stdio.h>`.

```
⟨Header files needed by the program 3⟩ ≡
#include <stdio.h>
```

This code is used in section 1.

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main: 1. *printf*: 2, 3.

⟨Header files needed by the program 3⟩ Used in section 1.
⟨Print the message "hello, world" 2⟩ Used in section 1.