1. Hello World. A small C++ program in CWEB.

The general layout of a C++ program is

```
\langle \text{includes } 2 \rangle \text{int } main()
{
\[ \langle \text{print msg } 3 \rangle;
\]
}
```

2. Now the fragments are following. To print something the program first includes the declarations.

```
\langle \text{ includes } 2 \rangle \equiv
```

#include <iostream>
This code is used in section 1.

3. And the message is send to standard output.

 $\langle \text{ print msg } 3 \rangle \equiv$

 $std::cout \ll \texttt{"Hello} \llcorner \texttt{World.} \verb|\n"|;$

This code is used in section 1.

cout: 3. ${\tt CWEB:} \quad 1.$ $main: \underline{1}.$ std: 3.

 $\langle \text{includes } 2 \rangle$ Used in section 1. $\langle \text{print msg } 3 \rangle$ Used in section 1.

HELLO

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