

```
// Includes
                                                          include standard input-
               #include <iostream> ◀
                                                          output stream
                                                          use std container for
               using namespace std; ◀
                                                          names
                // Main function
                                                          execution starts from
                int main() { ←
                                                          main function
                  cout << "Hello world!" << endl;</pre>
   output in C++
                                                          endline/newline in C++
                  return 0;
                                operator to
                                 output
               #include <iostrea
               iusing namespace s
               int main() {
                  int value = 0;
                  cout (<<) "Enter
output operator is
out of the page
                  cin >> value; /
input operator is
 into the page
                  cout << "The va
                  return 0;
```

```
return type function name input argument
int factorial(int n) {

int result = 1;
for (int i = 1; i <= n; i++) {
   result *= i;
}
return result;</pre>
```

```
1 return or output parameter type
```

- 2 function name
- 3 type of input paramter
- 4 input paramter
- body of the function

```
int result = 1;
for (int i = 1; i <= n; i++) {
  result *= i;
}
return result;</pre>
```