

```
#include <iostream>
```

```
int main {
```

```
    std::cout << "hello, world!"; // output 1
```

```
    std::cout << "str1." << " str2"; // output 2
```

```
    std::cout << "first" << "\n" << "second"; // output 3
```

```
}
```

output1 : hello, world!

output2 : str1. str2

output3 : first
 second

→ **variables** : Boolean ; Integer ; real ; character

```
int main {
```

```
    bool b;
```

```
    bool c = true;
```

```
    bool d { true};
```

```
    char e = 'a';
```

```
    char e = 97;
```

```
    int x = 123;
```

```
    int y = -256;
```

```
    double f = 3.14e10; // f = 3.14 * 1010 }
```

```
    unsigned long z = 4294967295
```

```
    x++; // x = x + 1
```

```
    x--; // x = x - 1
```

```
    std::cin >> x; // entrée x
```

```
    char arr1[5]; // tableau des caractères
```

```
    int arr2[5];
```

```
    int arr3[5] = {10, 20, 30, 40, 50};
```

```
    arr3[4] = 500; // {10, 20, 30, 40, 500}
```

```
    arr3[0] = 100; // {100, 20, 30, 40, 500}
```

```
    std::cout << "valeur de x:" << x;
```

```
    std::cin >> x >> y >> z;
```

```
    std::cout << "variables sont " << x << ", " << y << ", " << z;
```