

```
1 #include <iostream>
2
3 int main() {
4
5     //initialize variables
6     std::string a;
7     std::string b;
8
9     //define variables
10    std::cout << "Enter a value for a\n";
11    std::cin >> a;
12
13    std::cout << "Enter a value for b\n";
14    std::cin >> b;
15
16    //process variables
17    if ((a == "x") && (b == "y")) {
18
19        std::cout << "z\n";
20
21    };
22
23    return 0;
24
25 }
```

