```cpp
#include <iostream>

int main() {

//initialize variables
std::string a;
std::string b;

//define variables
std::cout << "Enter a value for a\n";
std::cin >> a;

std::cout << "Enter a value for b\n";
std::cin >> b;

//process variables
if ((a == "x") && (b == "y")) {

     std::cout << "z\n";

     };

return 0;

}
```