Parameter Passing Practice

What is the output?

What is the paramter passing method used?

Identify the formal arguments.

Identify the actual arguments.

#include <iostream>

void DoCrazyStuff(int x,int y);

using namespace std;

int main()

{

 int x = 1;

 int y = 2;

 cout << x << " " << y << endl;

 DoCrazyStuff(x,y);

 cout << x << " " << y << endl;

 return 0;

}

void DoCrazyStuff(int a, int b)

{

 cout << a << " " << b << endl;

 a = 3;

 b = 4;

 cout << a << " " << b << endl;

}

What is the output?

What is the paramter passing method used?

#include <iostream>

void DoCrazyStuff(int& x,int& y);

using namespace std;

int main()

{

 int x = 1;

 int y = 2;

 cout << x << " " << y << endl;

 DoCrazyStuff(x,y);

 cout << x << " " << y << endl;

 return 0;

}

void DoCrazyStuff(int& a, int& b)

{

 cout << a << " " << b << endl;

 a = 3;

 b = 4;

 cout << a << " " << b << endl;

}

What is the output?

#include <iostream>

void DoCrazyStuff(int& x,int y);

using namespace std;

int main()

{

 int x = 1;

 int y = 2;

 cout << x << " " << y << endl;

 DoCrazyStuff(x,y);

 cout << x << " " << y << endl;

 return 0;

}

void DoCrazyStuff(int& a, int b)

{

 cout << a << " " << b << endl;

 a = 3;

 b = 4;

 cout << a << " " << b << endl;

}

What is the output?

#include <iostream>

void DoCrazyStuff(int x,int& y);

using namespace std;

int main()

{

 int x = 1;

 int y = 2;

 cout << x << " " << y << endl;

 DoCrazyStuff(x,y);

 cout << x << " " << y << endl;

 return 0;

}

void DoCrazyStuff(int a, int& b)

{

 cout << a << " " << b << endl;

 a = 3;

 b = 4;

 cout << a << " " << b << endl;

}