```cpp
#include<iostream>
using namespace std;

int main()
{
    int x1,x2,y1,y2,r;

    cout<<"Enter the value x1 : ";
    cin>>x1;

    cout<<"Enter the value x2 : ";
    cin>>x2;

    cout<<"Enter the value y1 : ";
    cin>>y1;

    cout<<"Enter the value y2 : ";
    cin>>y2;

    r=(x2-x1)*(x2-x1)+(y2-y1)*(y2-y1);
    cout<<"Total distance :"<<r<<endl;

    return 0 ;

}
```