

```
def f (a, b){  
    // Data Dependency  
    c = a;          ①  
    d = 0;  
    if( b < 0 ){  
        d = c;  
    }  
    return d;  
}
```

```
int main(){  
    // Pointer Analysis  
    int c = m();      ③  
    int d = f(c);  
    int* x = d>0?&c:&d;  
}
```

```
contract Reference{  
    // Taint Analysis  
    struct Ref{  
        uint val;          ②  
    }  
    Ref a;  
    Ref b;  
    function set(uint source_taint)  
    public  
    {  
        Ref storage r = a;  
        if(true){  
            r = b;  
        }  
        r.val = source_taint;  
    }  
}
```