

```

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

```

①

```

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

```

③

```

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

```

②