**DIT635 - Data Flow Testing Activity**

**Identify all DU Pairs in the following code:**

**1. public int doSomething(int x, int y)   
2. {**

**3. while(y > 0) {**

**4. if(x > 0) {**

**5. y = y - x;**

**6. }else {**

**7. x = x + 1;**

**8. }**

**9. }**

**10. return x + y;**

**11. }**

**Write test cases to achieve All DU Pair Coverage over the code.**