**IAF Logic and how it can affect initial balance**

**RECEIVING FORM**

**Scenario 1:** Wrong Entry of the QTY

Let’s assume that the Initial Balance of the Below RM is this:

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: W8 | QTY: 250 |
| WAH: WH1 | STATUS: good |

**Incorrect Details:**

|  |  |
| --- | --- |
| RM: W8 | QTY: 100 |
| WAH: WH1 | STATUS: good |

**Correct Details:**

|  |  |
| --- | --- |
| RM: W8 | QTY: 1000 |
| WAH: WH1 | STATUS: good |

**FORMULA**

**AB** = Adjusted Balance

**IB** = Initial Balance

**ID QTY** = Incorrect Details Quantity

**CD QTY** = Correct Details Quantity

**Solution 1:**

**AB** = **(IB – ID QTY)** + **CD QTY**

**AB = (250 - 100) + 1000**

**AB = 150 + 1000**

**AB = 1150 - This is the Adjustment Balance of the mentioned RM**

**Solution 2:**

**AB** = **IB + (ID QTY** - **CD QTY)**

**AB = 250 + (100 - 1000)**

**AB = 250 + 900**

**AB = 1150 - This is the Adjustment Balance of the mentioned RM**

**Scenario 2:** Wrong Entry of the RM Code.

Let’s assume that the Initial Balance of the Below RM is this:

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: W8 | QTY: 450 |
| WH: WH1 | STATUS: good |

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: W35 | QTY: 100 |
| WH: WH1 | STATUS: good |

**Incorrect Details:**

|  |  |
| --- | --- |
| RM: W8 | QTY: 300 |
| WH: WH1 | STATUS: good |

**Correct Details:**

|  |  |
| --- | --- |
| RM: W35 | QTY: 300 |
| WH: WH1 | STATUS: good |

**FORMULA**

**AB** = Adjusted Balance

**IB** = Initial Balance

**ID QTY** = Incorrect Details Quantity

**CD QTY** = Correct Details Quantity

**Solution 1:**

**For RM: W8**

**AB** = IB – ID QTY

**AB** = 450 - 300

**AB** = 150 - This is the Adjustment Balance of the mentioned RM

**For RM: W35**

**AB** = IB + CD QTY

**AB** = 100 + 300

**AB** = 400 - This is the Adjustment Balance of the mentioned RM

**Scenario 3:** Wrong Entry of the Status

Let’s assume that the Initial Balance of the Below RM is this:

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: W8 | QTY: 250 |
| WH: WH1 | STATUS: good |

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: W8 | QTY: 1200 |
| WH: WH1 | STATUS: held : under evaluation |

**Incorrect Details:**

|  |  |
| --- | --- |
| RM: W8 | QTY: 150 |
| WH: WH1 | STATUS: good |

**Correct Details:**

|  |  |
| --- | --- |
| RM: W35 | QTY: 150 |
| WH: WH1 | STATUS: held : under evaluation |

**FORMULA**

**AB** = Adjusted Balance

**IB** = Initial Balance

**ID QTY** = Incorrect Details Quantity

**CD QTY** = Correct Details Quantity

**Solution 1:**

**For RM: W8 - good**

**AB** = IB – ID QTY

**AB** = 250 - 150

**AB** = 100 - This is the Adjustment Balance of the mentioned RM

**For RM: W8 – held : under evaluation**

**AB** = IB + CD QTY

**AB** = 1200 + 150

**AB** = 1350 - This is the Adjustment Balance of the mentioned RM

**Scenario 4:** Wrong Entry of the Warehouse

Let’s assume that the Initial Balance of the Below RM is this:

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: W8 | QTY: 601 |
| WH: WH1 | STATUS: good |

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: W8 | QTY: 1332 |
| WH: WH2 | STATUS: good |

**Incorrect Details:**

|  |  |
| --- | --- |
| RM: W8 | QTY: 150 |
| WH: WH2 | STATUS: good |

**Correct Details:**

|  |  |
| --- | --- |
| RM: W35 | QTY: 150 |
| WH: WH1 | STATUS: good |

**FORMULA**

**AB** = Adjusted Balance

**IB** = Initial Balance

**ID QTY** = Incorrect Details Quantity

**CD QTY** = Correct Details Quantity

**Solution 1:**

**For RM: W8 – WH1**

**AB** = IB + ID QTY

**AB** = 601 + 150

**AB** = 751 - This is the Adjustment Balance of the mentioned RM

**For RM: W8 – WH2**

**AB** = IB - CD QTY

**AB** = 1332 - 150

**AB** = 1182 - This is the Adjustment Balance of the mentioned RM

**OUTGOING FORM**

**OGR Scenario 1:** Wrong Entry of the QTY

Let’s assume that the Initial Balance of the Below RM is this:

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: W8 | QTY: 250 |
| WAH: WH1 | STATUS: good |

**Incorrect Details:**

|  |  |
| --- | --- |
| RM: W8 | QTY: 90 |
| WAH: WH1 | STATUS: good |

**Correct Details:**

|  |  |
| --- | --- |
| RM: W8 | QTY: 9 |
| WAH: WH1 | STATUS: good |

**FORMULA**

**AB** = Adjusted Balance

**IB** = Initial Balance

**ID QTY** = Incorrect Details Quantity

**CD QTY** = Correct Details Quantity

**Solution 1:**

**AB** = **(IB + ID QTY)** - **CD QTY**

**AB = (250 + 90) - 9**

**AB = 340 - 9**

**AB = 331 - This is the Adjustment Balance of the mentioned RM**

**Solution 2:**

**AB** = **IB + (ID QTY** - **CD QTY)**

**AB = 250 + (90 - 9)**

**AB = 250 + 81**

**AB = 331 - This is the Adjustment Balance of the mentioned RM**

**OGR Scenario 2:** Wrong Entry of the RM Code.

Let’s assume that the Initial Balance of the Below RM is this:

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: W35 | QTY: 450 |
| WH: WH1 | STATUS: good |

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: W8 | QTY: 520 |
| WH: WH1 | STATUS: good |

**Incorrect Details:**

|  |  |
| --- | --- |
| RM: W35 | QTY: 300 |
| WH: WH1 | STATUS: good |

**Correct Details:**

|  |  |
| --- | --- |
| RM: W8 | QTY: 300 |
| WH: WH1 | STATUS: good |

**FORMULA**

**AB** = Adjusted Balance

**IB** = Initial Balance

**ID QTY** = Incorrect Details Quantity

**CD QTY** = Correct Details Quantity

**Solution 1:**

**For RM: W35**

**AB** = IB +ID QTY

**AB** = 450 + 300

**AB** = 750 - This is the Adjustment Balance of the mentioned RM

**For RM: W8**

**AB** = IB - CD QTY

**AB** = 520 - 300

**AB** = 220 - This is the Adjustment Balance of the mentioned RM

**OGR Scenario 3:** Wrong Entry of the Status

Let’s assume that the Initial Balance of the Below RM is this:

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: W8 | QTY: 250 |
| WH: WH1 | STATUS: good |

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: W8 | QTY: 1200 |
| WH: WH1 | STATUS: held : under evaluation |

**Incorrect Details:**

|  |  |
| --- | --- |
| RM: W8 | QTY: 150 |
| WH: WH1 | STATUS: good |

**Correct Details:**

|  |  |
| --- | --- |
| RM: W38 | QTY: 150 |
| WH: WH1 | STATUS: held : under evaluation |

**FORMULA**

**AB** = Adjusted Balance

**IB** = Initial Balance

**ID QTY** = Incorrect Details Quantity

**CD QTY** = Correct Details Quantity

**Solution 1:**

**For RM: W8 - good**

**AB** = IB + ID QTY

**AB** = 250 + 150

**AB** = 350 - This is the Adjustment Balance of the mentioned RM

**For RM: W8 – held : under evaluation**

**AB** = IB - CD QTY

**AB** = 1200 - 150

**AB** = 1050 - This is the Adjustment Balance of the mentioned RM

**OGR Scenario 4:** Wrong Entry of the Warehouse

Let’s assume that the Initial Balance of the Below RM is this:

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: W8 | QTY: 1045 |
| WH: WH1 | STATUS: good |

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: W8 | QTY: 163 |
| WH: WH2 | STATUS: good |

**Incorrect Details:**

|  |  |
| --- | --- |
| RM: W8 | QTY: 150 |
| WH: WH1 | STATUS: good |

**Correct Details:**

|  |  |
| --- | --- |
| RM: W38 | QTY: 150 |
| WH: WH2 | STATUS: good |

**FORMULA**

**AB** = Adjusted Balance

**IB** = Initial Balance

**ID QTY** = Incorrect Details Quantity

**CD QTY** = Correct Details Quantity

**Solution 1:**

**For RM: W8 – WH1**

**AB** = IB + ID QTY

**AB** = 1045 + 150

**AB** = 1195 - This is the Adjustment Balance of the mentioned RM

**For RM: W8 – WH2**

**AB** = IB - CD QTY

**AB** = 163 - 150

**AB** = 13 - This is the Adjustment Balance of the mentioned RM

**TRANSFER FORM**

**OUTGOING FORM**

**TF Scenario 1:** Wrong Entry of the Warehouse (TO)

Let’s assume that the Initial Balance of the Below RM is this:

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: W8 | QTY: 500 |
| WH: WH1 | STATUS: good |

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: W8 | QTY: 300 |
| WH: WH2 | STATUS: good |

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: W8 | QTY: 600 |
| WH: WH4 | STATUS: good |

**Incorrect Details:**

|  |  |  |
| --- | --- | --- |
| RM: W8 | QTY: 90 | STATUS: good |
| WH FROM: WH1 | WH TO: WH2 |

**Correct Details:**

|  |  |  |
| --- | --- | --- |
| RM: W8 | QTY: 90 | STATUS: good |
| WH FROM: WH1 | WH TO: WH4 |

**FORMULA**

**AB** = Adjusted Balance

**IB** = Initial Balance

**ID QTY** = Incorrect Details Quantity

**CD QTY** = Correct Details Quantity

**Solution 1:**

**FOR W8 – WH1**

**AB = IB**

**AB = 500 - Remains the same**

**FOR W8 - WH2 (INCORRECT WAREHOUSE)**

**AB = IB – ID QTY**

**AB = 300 – 90**

**AB = 210**

**FOR W8 =WH4 (CORRECT WAREHOUSE)**

**AB = IB + CD QTY**

**AB = 600 + 90**

**AB = 690 - New Adjusted Balance**

**Here are the Adjusted Balance for the Scenario 1**

|  |  |
| --- | --- |
| **ADJUSTED BALANCE** | |
| RM: W8 | QTY: 500 |
| WH: WH1 | STATUS: good |

|  |  |
| --- | --- |
| **ADJUSTED BALANCE** | |
| RM: W8 | QTY: 210 |
| WH: WH2 | STATUS: good |

|  |  |
| --- | --- |
| **ADJUSTED BALANCE** | |
| RM: W8 | QTY: 690 |
| WH: WH4 | STATUS: good |

**TF Scenario 2:** Wrong Entry of the Warehouse (FROM)

Let’s assume that the Initial Balance of the Below RM is this:

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: K907 | QTY: 210 |
| WH: WH1 | STATUS: good |

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: K907 | QTY: 1000 |
| WH: WH2 | STATUS: good |

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: K907 | QTY: 1260 |
| WH: WH4 | STATUS: good |

**Incorrect Details:**

|  |  |  |
| --- | --- | --- |
| RM: K907 | QTY: 100 | STATUS: good |
| WH FROM: WH4 | WH TO: WH1 |

**Correct Details:**

|  |  |  |
| --- | --- | --- |
| RM: K907 | QTY: 100 | STATUS: good |
| WH FROM: WH2 | WH TO: WH1 |

**FORMULA**

**AB** = Adjusted Balance

**IB** = Initial Balance

**ID QTY** = Incorrect Details Quantity

**CD QTY** = Correct Details Quantity

**Solution 1:**

**FOR K907 – WH1**

**AB = IB**

**AB = 210 - Remains the same**

**FOR K907 - WH2 (CORRECT WAREHOUSE)**

**AB = IB – CD QTY**

**AB = 1000 – 100**

**AB = 900 - New Adjusted Balance**

**FOR K907 = WH4 (INCORRECT WAREHOUSE)**

**AB = IB - CD QTY**

**AB = 1260 + 100**

**AB = 1360 - New Adjusted Balance**

**Here are the Adjusted Balance for the Scenario 2**

|  |  |
| --- | --- |
| **ADJUSTED BALANCE** | |
| RM: K907 | QTY: 210 |
| WH: WH1 | STATUS: good |

|  |  |
| --- | --- |
| **ADJUSTED BALANCE** | |
| RM: K907 | QTY: 900 |
| WH: WH2 | STATUS: good |

|  |  |
| --- | --- |
| **ADJUSTED BALANCE** | |
| RM: K907 | QTY: 1360 |
| WH: WH4 | STATUS: good |

**TF Scenario 3:** Wrong Entry of the QTY

Let’s assume that the Initial Balance of the Below RM is this:

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: K907 | QTY: 500 |
| WH: WH1 | STATUS: good |

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: K907 | QTY: 700 |
| WH: WH2 | STATUS: good |

**Incorrect Details:**

|  |  |  |
| --- | --- | --- |
| RM: K907 | QTY: 300 | STATUS: good |
| WH FROM: WH2 | WH TO: WH1 |

**Correct Details:**

|  |  |  |
| --- | --- | --- |
| RM: K907 | QTY: 30 | STATUS: good |
| WH FROM: WH2 | WH TO: WH1 |

**FORMULA**

**AB** = Adjusted Balance

**IB** = Initial Balance

**ID QTY** = Incorrect Details Quantity

**CD QTY** = Correct Details Quantity

**Solution 1:**

**FOR K907 – WH1**

**AB = (IB – ID QTY) + CD QTY**

**AB = (500 - 300) + 30**

**AB = 200 + 30**

**AB = 230 - New Adjusted Balance**

**FOR K907 - WH2**

**AB = (IB + ID QTY) – CD QTY**

**AB = (700 + 300) – 30**

**AB = 1000 - 30**

**AB = 970 - New Adjusted Balance**

**Here are the Adjusted Balance for the Scenario 3**

Let’s assume that the Initial Balance of the Below RM is this:

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: K908 | QTY: 230 |
| WH: WH1 | STATUS: good |

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: K908 | QTY: 970 |
| WH: WH2 | STATUS: good |

**TF Scenario 4:** Wrong Entry of the Status

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: K908 | QTY: 0 |
| WH: WH1 | STATUS: held : contaminated |

Let’s assume that the Initial Balance of the Below RM is this:

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: K908 | QTY: 350 |
| WH: WH1 | STATUS: good |

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: K908 | QTY: 600 |
| WH: WH2 | STATUS: good |

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: K908 | QTY: 900 |
| WH: WH2 | STATUS: held : contaminated |

**Incorrect Details:**

|  |  |  |
| --- | --- | --- |
| RM: K908 | QTY: 300 | STATUS: good |
| WH FROM: WH2 | WH TO: WH1 |

**Correct Details:**

|  |  |  |
| --- | --- | --- |
| RM: K908 | QTY: 300 | STATUS: held : contaminated |
| WH FROM: WH2 | WH TO: WH1 |

**FORMULA**

**AB** = Adjusted Balance

**IB** = Initial Balance

**ID QTY** = Incorrect Details Quantity

**CD QTY** = Correct Details Quantity

**Solution 1:**

**FOR K908 – WH1 - good**

**AB = IB – CD QTY**

**AB = 350 - 300**

**AB = 50 - New Adjusted Balance**

**FOR K908 - WH2 - good**

**AB = IB + CD QTY**

**AB = 600 + 300**

**AB = 900 - New Adjusted Balance**

**FOR K908 – WH1 – held : contaminated**

**AB = IB + CD QTY**

**AB = 0 + 300**

**AB = 300 - New Adjusted Balance**

**FOR K908 - WH2 – held : contaminated**

**AB = IB – CD QTY  
 AB = 900 – 300  
 AB = 600 - New Adjusted Balance**

**Here are the Adjusted Balance for the Scenario 4**

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: K908 | QTY: 300 |
| WH: WH1 | STATUS: held : contaminated |

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: K908 | QTY: 50 |
| WH: WH1 | STATUS: good |

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: K908 | QTY: 900 |
| WH: WH2 | STATUS: good |

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: K908 | QTY: 600 |
| WH: WH2 | STATUS: held : contaminated |

**TF Scenario 5:** Wrong Entry of the RM

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: K911 | QTY: 300 |
| WH: WH2 | STATUS: good |

Let’s assume that the Initial Balance of the Below RM is this:

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: K911 | QTY: 1260 |
| WH: WH1 | STATUS: good |

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: K908 | QTY: 0 |
| WH: WH1 | STATUS: good |

|  |  |
| --- | --- |
| **INITIAL BALANCE** | |
| RM: K908 | QTY: 900 |
| WH: WH2 | STATUS: good |

**Incorrect Details:**

|  |  |  |
| --- | --- | --- |
| RM: K911 | QTY: 160 | STATUS: good |
| WH FROM: WH2 | WH TO: WH1 |

**Correct Details:**

|  |  |  |
| --- | --- | --- |
| RM: K908 | QTY: 160 | STATUS: good |
| WH FROM: WH2 | WH TO: WH1 |

**FORMULA**

**AB** = Adjusted Balance

**IB** = Initial Balance

**ID QTY** = Incorrect Details Quantity

**CD QTY** = Correct Details Quantity

**Solution 1:**

**FOR K908 – WH1 - good**

**AB = IB + CD QTY**

**AB = 0 + 160**

**AB = 160 - New Adjusted Balance**

**FOR K908 - WH2 - good**

**AB = IB - CD QTY**

**AB = 900 - 160**

**AB = 740 - New Adjusted Balance**

**FOR K911 – WH1 – held : good**

**AB = IB - CD QTY**

**AB = 1260 - 160**

**AB = 1100 - New Adjusted Balance**

**FOR K911 - WH2 – held : good**

**AB = IB + CD QTY  
 AB = 300 + 160  
 AB = 460 - New Adjusted Balance**

**Here are the Adjusted Balance for the Scenario 5**

|  |  |
| --- | --- |
| **ADJUSTED BALANCE** | |
| RM: K911 | QTY: 460 |
| WH: WH2 | STATUS: good |

|  |  |
| --- | --- |
| **ADJUSTED BALANCE** | |
| RM: K911 | QTY: 1100 |
| WH: WH1 | STATUS: good |

|  |  |
| --- | --- |
| **ADJUSTED BALANCE** | |
| RM: K908 | QTY: 160 |
| WH: WH1 | STATUS: good |

|  |  |
| --- | --- |
| **ADJUSTED BALANCE** | |
| RM: K908 | QTY: 740 |
| WH: WH2 | STATUS: good |