IPO

|  |  |  |
| --- | --- | --- |
| Input | Processing | Output |
| Counter | Increment number by 1 | Print 10 to 15 |

psedocode

|  |  |
| --- | --- |
| **1** | **start** |
| **2** | **Counter=10** |
| **3** | **While counter<=15** |
| **4** | **Print counter** |
|  |  |
| **5** | **Counter=counter+1** |
| **6** | **end** |

|  |  |  |
| --- | --- | --- |
| Step | Counter | print |
| 2 | 10 |  |
| 3 | true |  |
| 4 |  | 1 |
| 5 | 11 |  |
| 3 | true |  |
| 4 |  | 2 |
| 5 | 12 |  |
| 3 | true |  |
| 4 |  | 3 |
| 5 | 13 |  |
| 3 | true |  |
| 4 |  | 4 |
| 5 | 14 |  |
| 3 | true |  |
| 4 |  | 5 |
| 5 | 15 |  |

|  |  |  |
| --- | --- | --- |
| Input | Processing | Output |
| Counter | Increment number by 1 | Print 10 to 1 |

psedocode

|  |  |
| --- | --- |
| **1** | **start** |
| **2** | **Counter=10** |
| **3** | **While counter>10** |
| **4** | **Print counter** |
| **5** | **Counter=counter+1** |
| **6** | **end** |

|  |  |  |
| --- | --- | --- |
| Step | Counter | print |
| 2 | 10 |  |
| 3 | true |  |
| 4 |  | 1 |
| 5 | 9 |  |
| 3 | true |  |
| 4 |  | 2 |
| 5 | 8 |  |
| 3 | true |  |
| 4 |  | 3 |
| 5 | 7 |  |
| 3 | true |  |
| 4 |  | 4 |
| 5 | 6 |  |
| 3 | true |  |
| 4 |  | 5 |
| 5 | 5 |  |
| 3 | true |  |
| 4 |  | 6 |
| 5 | 4 |  |
| 3 | true |  |
| 4 |  | 7 |
| 5 | 3 |  |
| 3 | true |  |
| 4 |  | 8 |
| 5 | 2 |  |
| 3 | true | 9 |
|  |  |  |
| 4 |  | 9 |
| 5 | 1 |  |