```
FUNCTION BLOCK PUBLIC FirstOutFB
2
       VAR IN OUT
           shelfPartTrackingArray : ARRAY [ 1 .. 42 ] OF ShelfPartTracking;
3
4
       END VAR
5
       VAR_OUTPUT
6
          First out: INT := 0;
7
       END_VAR
8
      VAR
9
          i : INT := 1;
10
          MinValue: INT := 0;
11
       END_VAR
12
1
      MinValue := 0;
2
           FOR i := 1 TO 42 DO
3
               IF (shelfPartTrackingArray[i].shelfIndex > 0) THEN
                   IF shelfPartTrackingArray [i].partID <> '00' THEN
4
5
                  IF (minValue = 0 OR shelfPartTrackingArray[i].shelfIndex <</pre>
       minValue) THEN
6
                       minValue := shelfPartTrackingArray [ i ] . shelfIndex ;
7
                       First_out := i;
8
9
                       END_IF
10
              END_IF ;
11
               END IF
12
          END_FOR;
13
```