**Finding minimum in the list**

***Algorithm***

|  |  |
| --- | --- |
| **Step 1** | Start Process |
| **Step 2** | Assign mylist elements with [7,5,1,2,3] |
| **Step 3** | Assign i = 1 and length\_of\_mylist = 5 and min = mylist[0] |
| **Step 4** | Assign cur\_val as mylist[i] |
| **Step 5** | If min is greater than cur\_val then assign min as cur\_val goto Step 7 |
| **Step 6** | Else don’t change min |
| **Step 7** | Increment i by 1 |
| **Step 8** | If i is less than length\_of\_mylist then goto Step 4 |
| **Step 9** | Else goto step 10 |
| **Step 10** | Print minimum as min |
| **Step 11** | Stop Process |

***Flow Chart***

***Pseudo Code***

START

SET my\_list = [7,5,1,2,3]

SET length\_of\_mylist = 5

SET i = 1

SET min = mylist[0]

WHILE i is less than length\_of\_mylist THEN

SET cur\_val = mylist[i]

IF min > cur\_val THEN

min = cur\_val

ELSE

min = min

END IF

INCREMENT i

END WHILE

PRINT “Minimum in the list is” min

STOP