

Sample Program Outputs

Summary Statistics:

Columns Key:
total - total for all days (2015-01-05 through 2018-04-27)
Y0 - total for year (2015-01-01 through 2015-12-31)
Y1 - total for year (2016-01-01 through 2016-12-31)
Y2 - total for year (2017-01-01 through 2017-12-31)
Y3 - total for year (2018-01-01 through 2018-12-31)
M30Y0 - Maximum total for 30 days in year (2015-01-01 through 2015-12-31)
M30Y1 - Maximum total for 30 days in year (2016-01-01 through 2016-12-31)
M30Y2 - Maximum total for 30 days in year (2017-01-01 through 2017-12-31)
M30Y3 - Maximum total for 30 days in year (2018-01-01 through 2018-12-31)
M10Y0 - Maximum total for 10 days in year (2015-01-01 through 2015-12-31)
M10Y1 - Maximum total for 10 days in year (2016-01-01 through 2016-12-31)
M10Y2 - Maximum total for 10 days in year (2017-01-01 through 2017-12-31)
M10Y3 - Maximum total for 10 days in year (2018-01-01 through 2018-12-31)

	total	Y0	Y1	Y2	Y3	M30Y0	M30Y1	M30Y2	M30Y3	M10Y0	M10Y1	M10Y2	M10Y3
Build Assemb	36.0	8.0	11.0	13.0	4.0	3.0	4.0	3.0	2.0	2.0	3.0	3.0	2.0
Invoice	-37.0	-8.0	-12.0	-12.0	-5.0	-3.0	-4.0	-3.0	-2.0	-2.0	-3.0	-2.0	-2.0
Phantom Sale	-37.0	-8.0	-12.0	-12.0	-5.0	-3.0	-4.0	-3.0	-2.0	-2.0	-3.0	-2.0	-2.0
Sales Order	-1.0	0.0	0.0	0.0	-1.0	0.0	0.0	0.0	-1.0	0.0	0.0	0.0	-1.0

Purchases required, performed:

Purchases required to fill Sales Orders and Maintain RO point:
Purchase qty 150.0 of partNum123 partDesc123
Purchase qty 1.0 of partNum124 partDesc124
Purchase qty 253.0 of partNum125 partDesc125
Purchase qty 8.3 of partNum126 partDesc126
Purchase qty 81.0 of partNum127 partDesc127
Purchase of 5 item(s) required to fill Sales Orders and Maintain RO point

Purchase required to fill Sales Orders:
purchase of 0 item(s) is required to build open SOs

Open purchase orders exist for the following items:
Purchased qty 50.0 of partNum223 partDesc223
Purchased qty 100.0 of partNum224 partDesc224
Purchased qty 60.0 of partNum225 partDesc225
Purchased qty 32.0 of partNum226 partDesc226
Purchased qty 24.0 of partNum227
Purchased qty 32.0 of partNum228 partDesc228
Purchased qty 24.0 of partNum229 partDesc229
Purchased qty 10.0 of partNum22a partDesc22a
receipt of 8 item(s) is expected; these items have been purchased

Indented Bill of Materials						
qty	level	itemName	itemDesc			
	1	item001	Assembly, Top Level			
	1 .	item002	Assembly, Circuit board			
	1 ..	item003	Assembly, kit of items items sent to fabricator			
	1 ...	item004	Integrated Circuit			
	1 ...	item005	Printed Circuit Board			
	1 ...	item006	Programmed programable logic array			
	1	item007	Programmable logic array			
	1 .	item008	Label - Serial Number			
	1 .	item009	Power Supply			
	1 .	item010	Case, Enclosure			

Sample program input:

The following are excerpts of a "inventory item quick report" from QuickBooks

	A	B	C	D	E	F	G	H	I	J
1		Trans #	Type	Date	Num	Name	Memo	Qty	U/M	S. O. #
2	Inventory							24422.74	-MIXED-	
3	partNum1 (partDescription1)									
4	On Hand As Of 12/31/2014							0		
5		33007	Bill	6/19/2017	19974	vendor1	partDescri	0		
6		33220	Bill	6/19/2017	19977	vendor1	partDescri	24		
7		33260	Build Asse	7/19/2017	4969		partDescri	-24		
8		33734	Bill	10/17/2017	20176	vendor1	partDescri	0		
9		33810	Bill	10/17/2017	20177	vendor1	partDescri	0		
10		33811	Bill	10/17/2017	20178	vendor1	partDescri	24		
11		33840	Build Asse	11/11/2017	5126		partDescri	-24		
12		33958	Bill	11/28/2017	20255	vendor1	partDescri	0		
13		34055	Bill	11/28/2017	20256	vendor1	partDescri	24		
14		34177	Build Asse	2/9/2018	5230		partDescri	-24		
15	Tot On Hand As Of 04/30/2018							0		

<snip>

Trans #	Type	Date	Num	Name	Memo	Qty	U/M	S. O. #
assemblyName (assemblyDescription)								
On Hand As Of 12/31/2014						0		
31343	Build Assembly	7/27/2016	4579		BuildNote	1		
31319	Invoice	7/28/2016	6749	Custom	AssemblyName	-1		2246
32023	Build Assembly	12/28/2016	4729		BuildNote	1		
31990	Invoice	12/29/2016	6803	Custom	AssemblyName	-1		2292
32457	Build Assembly	2/23/2017	4803		BuildNote	1		
32445	Invoice	2/24/2017	6817	Custom	AssemblyName	-1		2287
33105	Invoice	6/16/2017	6871	Custom	AssemblyName	-1		2338
33104	Build Assembly	6/16/2017	4964		BuildNote	1		
33372	Build Assembly	7/25/2017	5009		BuildNote	1		
33277	Invoice	7/26/2017	6881	Custom	AssemblyName	-1		2339
33635	Build Assembly	10/1/2017	5057		BuildNote	1		
33593	Invoice	10/2/2017	6896	Custom	AssemblyName	-1		2365
34640	Build Assembly	3/29/2018	5313		BuildNote	1		
34625	Invoice	3/30/2018	6971	Custom	AssemblyName	-1		2418
Tot On Hand As Of 04/30/2018						0		
On Sales Order As Of 12/31/2014						0		
31312	Sales Order	7/18/2016	2246	Custom	AssemblyName	0		
31866	Sales Order	11/28/2016	2287	Custom	AssemblyName	0		
31919	Sales Order	12/7/2016	2292	Custom	AssemblyName	0		
32937	Sales Order	5/25/2017	2338	Custom	AssemblyName	0		
32938	Sales Order	5/25/2017	2339	Custom	AssemblyName	0		
33433	Sales Order	9/5/2017	2365	Custom	AssemblyName	0		
34173	Sales Order	1/29/2018	2418	Custom	AssemblyName	0		
34827	Sales Order	4/19/2018	2446	Custom	AssemblyName	-1		
Tot On Sales Order As Of 04/30/2018						-1		