

Name - Rasanka Jayawardana

Email – [rasanka.lk@gmail.com](mailto:rasanka.lk@gmail.com)

Tel - 02041365548

### Pack Planner Sample Output

Please enter the commands in following format:

[Sort order] [max pieces per pack] [max weight per pack]

[item id],[item length],[item quantity],[piece weight]

[item id],[item length],[item quantity],[piece weight]

[item id],[item length],[item quantity],[piece weight]

NATURAL,40,500

1001,1200,40,23

1002,1300,50,9.5

1003,1400,20,2.5

1004,1500,55,3.5

----- Pack Planner -----

Pack Number: 1

1001,1200.0,21,23.0

Pack Length: 1200.0m,Pack Weight: 483.0kg

-----

Pack Number: 2

1001,1200.0,19,23.0

1002,1300.0,6,9.5

Pack Length: 2500.0m,Pack Weight: 494.0kg

-----

Pack Number: 3

1002,1300.0,40,9.5

Pack Length: 1300.0m,Pack Weight: 380.0kg

-----

Pack Number: 4

1002,1300.0,4,9.5

1003,1400.0,20,2.5

1004,1500.0,16,3.5

Pack Length: 4200.0m,Pack Weight: 144.0kg

-----

Pack Number: 5

1004,1500.0,39,3.5

Pack Length: 1500.0m,Pack Weight: 136.5kg

-----

Please enter the commands in following format:

[Sort order] [max pieces per pack] [max weight per pack]

[item id],[item length],[item quantity],[piece weight]

[item id],[item length],[item quantity],[piece weight]

[item id],[item length],[item quantity],[piece weight]

SHORT\_TO\_LONG,40,500

1002,1300,50,9.5

1004,1500,55,3.5

1001,1200,40,23

1003,1400,20,2.5

----- Pack Planner -----

Pack Number: 1

1001,1200.0,21,23.0

Pack Length: 1200.0m,Pack Weight: 483.0kg

-----  
Pack Number: 2

1001,1200.0,19,23.0

1002,1300.0,6,9.5

Pack Length: 2500.0m,Pack Weight: 494.0kg

-----  
Pack Number: 3

1002,1300.0,40,9.5

Pack Length: 1300.0m,Pack Weight: 380.0kg

-----  
Pack Number: 4

1002,1300.0,4,9.5

1003,1400.0,20,2.5

1004,1500.0,16,3.5

Pack Length: 4200.0m,Pack Weight: 144.0kg

-----  
Pack Number: 5

1004,1500.0,39,3.5

Pack Length: 1500.0m,Pack Weight: 136.5kg

-----

Please enter the commands in following format:  
[Sort order] [max pieces per pack] [max weight per pack]  
[item id],[item length],[item quantity],[piece weight]  
[item id],[item length],[item quantity],[piece weight]  
[item id],[item length],[item quantity],[piece weight]

LONG\_TO\_SHORT,40,500

1003,1400,20,2.5

1002,1300,50,9.5

1004,1500,55,3.5

1001,1200,40,23

----- Pack Planner -----

Pack Number: 1

1004,1500.0,40,3.5

Pack Length: 1500.0m,Pack Weight: 140.0kg

-----  
Pack Number: 2

1004,1500.0,15,3.5

1003,1400.0,20,2.5

1002,1300.0,5,9.5

Pack Length: 4200.0m,Pack Weight: 150.0kg

-----  
Pack Number: 3

1002,1300.0,40,9.5

Pack Length: 1300.0m,Pack Weight: 380.0kg

-----  
Pack Number: 4

1002,1300.0,5,9.5

1001,1200.0,19,23.0

Pack Length: 2500.0m,Pack Weight: 484.5kg

-----  
Pack Number: 5

1001,1200.0,21,23.0

Pack Length: 1200.0m,Pack Weight: 483.0kg

-----