

```
Aeq(7, 5) = 1;  
Aeq(7, 9) = 1;  
Aeq(7, 15) = 1;  
Aeq(7, 24) = -1;
```

```
% NY Conservation Constraints
```

```
Aeq(8, 13) = 1;  
Aeq(8, 16) = 1;  
Aeq(8, 19) = 1;  
Aeq(8, 23) = -1;
```

```
% Call linprog
```

```
options=optimset ('display', 'off');  
x = linprog(cost, [], [], Aeq, beq, lower, upper, [], options);  
min_cost = dot(cost, x)
```