
```
A = [  
    1 1;  
    2 1;  
];  
  
b = [  
    12;  
    16;  
];  
  
c = [  
    40;  
    30;  
];  
  
[m, n] = size(A);  
  
[z, x, pivalues, indices, exitflag] = rsm(A, b, c, m, n, true);  
  
fprintf("\nTotal Cost: $%.2f\n", z)  
  
fprintf("\nShadow Price:\n")  
fprintf("%6.2f \n", [pivalues(1:m)])  
  
Exit flag = 0, Solved successfully  
Total cost = 400.00  
x values = [4,8]  
Indices = [2,1]  
Pi values = [20,10]  
  
Total Cost: $400.00  
  
Shadow Price:  
    20.00  
    10.00
```

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