

**IOE 543**  
**Homework 6**  
**Due on Friday 10/22 at 3:00 pm in IOE 2823**

1. Problem 6.2 from Pinedo.
2. Problem 6.4 from Pinedo.
3. Problem 6.7 from Pinedo.
4. Problem 6.15 from Pinedo.
5. Consider the following  $F2 \mid \mid C_{\max}$  problem and find the optimal schedule:

<b>Job</b>	<b>Processing time on machine <math>i</math></b>	
<b><math>j</math></b>	<b><math>p_{1j}</math></b>	<b><math>p_{2j}</math></b>
1	6	3
2	2	9
3	4	3
4	1	8
5	7	1
6	4	5
7	7	6