

- So far we are under budget by \$1000.
- Right now we are ahead by 1 month. The reason is if activity number 4 was 0% complete we would have been on schedule because the project started 7 months ago and the total estimated duration is 13 months, so total duration is 50% done and we are ahead in activity number 4 by 1/3 which equals 1 month
- If we proceed with the same performance rate, as we know we exceeded the budget by %500, and activity 5 is unknown. So budget is exceeded by \$500 plus or minus shortage or surplus in activity 5
- Cost Variance =  $3700 - 4200 \Rightarrow$  **\$500**
- Schedule Variance = 13 months – 12 months  $\Rightarrow$  **1 month**
- CPI = ( cost of market basket in current period / cost of market basket in base period ) \* 100  
But I do not know what that means so I cannot perform this calculation
- SPI = Earned value / planned value  
Earned value = % Work completed x budget  
Planned value = Planned % complete x budget at completion  
 $\Rightarrow ( 56.6 * 2700 ) / ( 50 * 3700 ) \Rightarrow$  **0.82**, means we are behind schedule because value < 1
- EAC depends on CPI and BAC and I could not calculate CPI