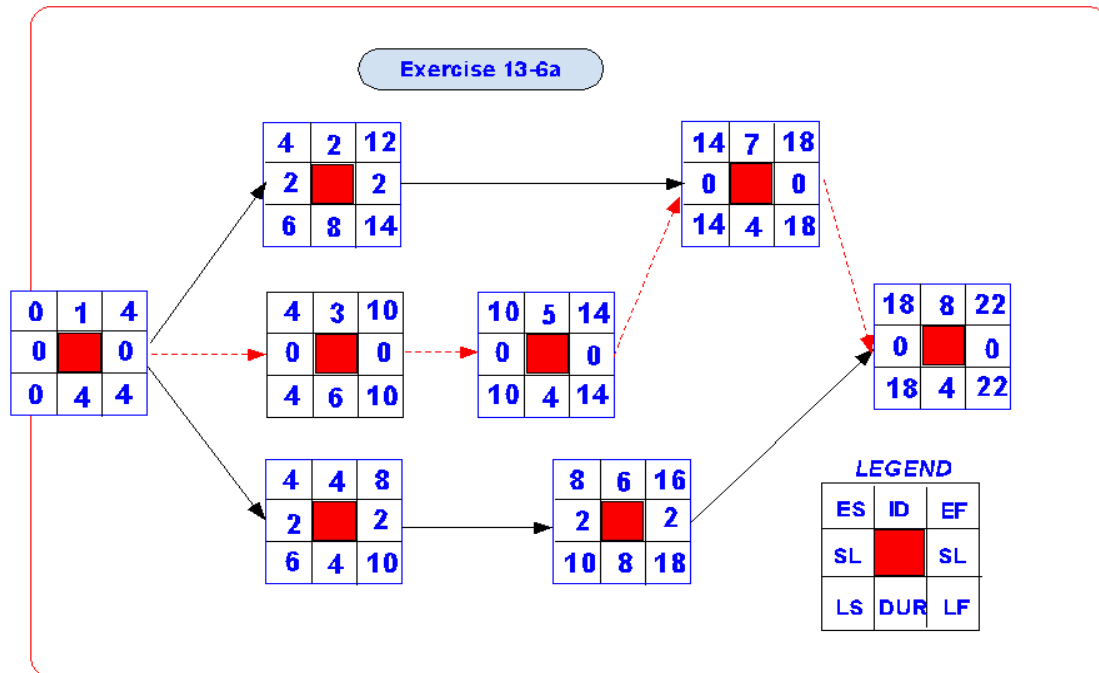


Exercise 6. The following data have been collected for a British health care IT project for two-week reporting periods 2 through 12. Compute the SV, CV, SPI, and CPI for each period. Plot the EV and the AC on the summary graph provided. Plot the SPI, CPI and PCI-B on the index graph provided. (You may use your own graphs.) What is your assessment of the project at the end of period 12?



Exercise 13-6b						Baseline (PV) (\$00)											
Task	Dur.	ES	LF	SL	PV (\$00)	0	2	4	6	8	10	12	14	16	18	20	22
1	4	0	4	0	8	4	4										
2	8	4	14	2	40			10	10	10	10						
3	6	4	10	0	30			10	15	5							
4	4	4	10	2	20			10	10								
5	4	10	14	0	40						20	20					
6	8	8	18	2	60					20	20	10	10				
7	4	14	18	0	20								10	10			
8	4	18	22	0	30										20	10	
Period PV Total						4	4	30	35	35	50	30	20	10	20	10	
Cumulative PV Total						4	8	38	73	108	158	188	208	218	238	248	

Exercise 13-6c

Status Report: Ending Period 2

Task	% Complete	EV	AC	PV	CV	SV
1	50%	_____	4	_____	_____	_____
Cumulative Totals		_____	4	_____	_____	_____

Status Report: Ending Period 4

Task	% Complete	EV	AC	PV	CV	SV
1	Finished	_____	10	_____	_____	_____
Cumulative Totals		_____	10	_____	_____	_____

Status Report: Ending Period 6

Task	% Complete	EV	AC	PV	CV	SV
1	Finished	_____	10	_____	_____	_____
2	25%	_____	15	_____	_____	_____
3	33%	_____	12	_____	_____	_____
4	0%	_____	0	_____	_____	_____
Cumulative Totals		_____	37	_____	_____	_____

Status Report: Ending Period 8

Task	% Complete	EV	AC	PV	CV	SV
1	Finished	_____	10	_____	_____	_____
2	30%	_____	20	_____	_____	_____
3	60%	_____	25	_____	_____	_____
4	0%	_____	0	_____	_____	_____
Cumulative Totals		_____	55	_____	_____	_____

Status Report: Ending Period 10 (\$00)

Task	% Complete	EV	AC	PV	CV	SV
1	Finished	_____	10	_____	_____	_____
2	60%	_____	30	_____	_____	_____
3	Finished	_____	40	_____	_____	_____
4	50%	_____	20	_____	_____	_____
5	0%	_____	0	_____	_____	_____
6	30%	_____	24	_____	_____	_____
Cumulative Totals		_____	124	_____	_____	_____

Status Report: Ending Period 12

Task	% Complete	EV	AC	PV	CV	SV
1	Finished	_____	10	_____	_____	_____
2	Finished	_____	50	_____	_____	_____
3	Finished	_____	40	_____	_____	_____
4	Finished	_____	40	_____	_____	_____
5	50%	_____	30	_____	_____	_____
6	50%	_____	40	_____	_____	_____
Cumulative Totals		_____	210	_____	_____	_____

Indexes

Period	SPI	CPI	PCIB
2	_____	_____	_____
4	_____	_____	_____
6	_____	_____	_____
8	_____	_____	_____
10	_____	_____	_____
12	_____	_____	_____

$$\text{SPI} = \text{EV} / \text{PV}$$

$$\text{CPI} = \text{EV} / \text{AC}$$

$$\text{PCIB} = \text{EV} / \text{BAC}$$

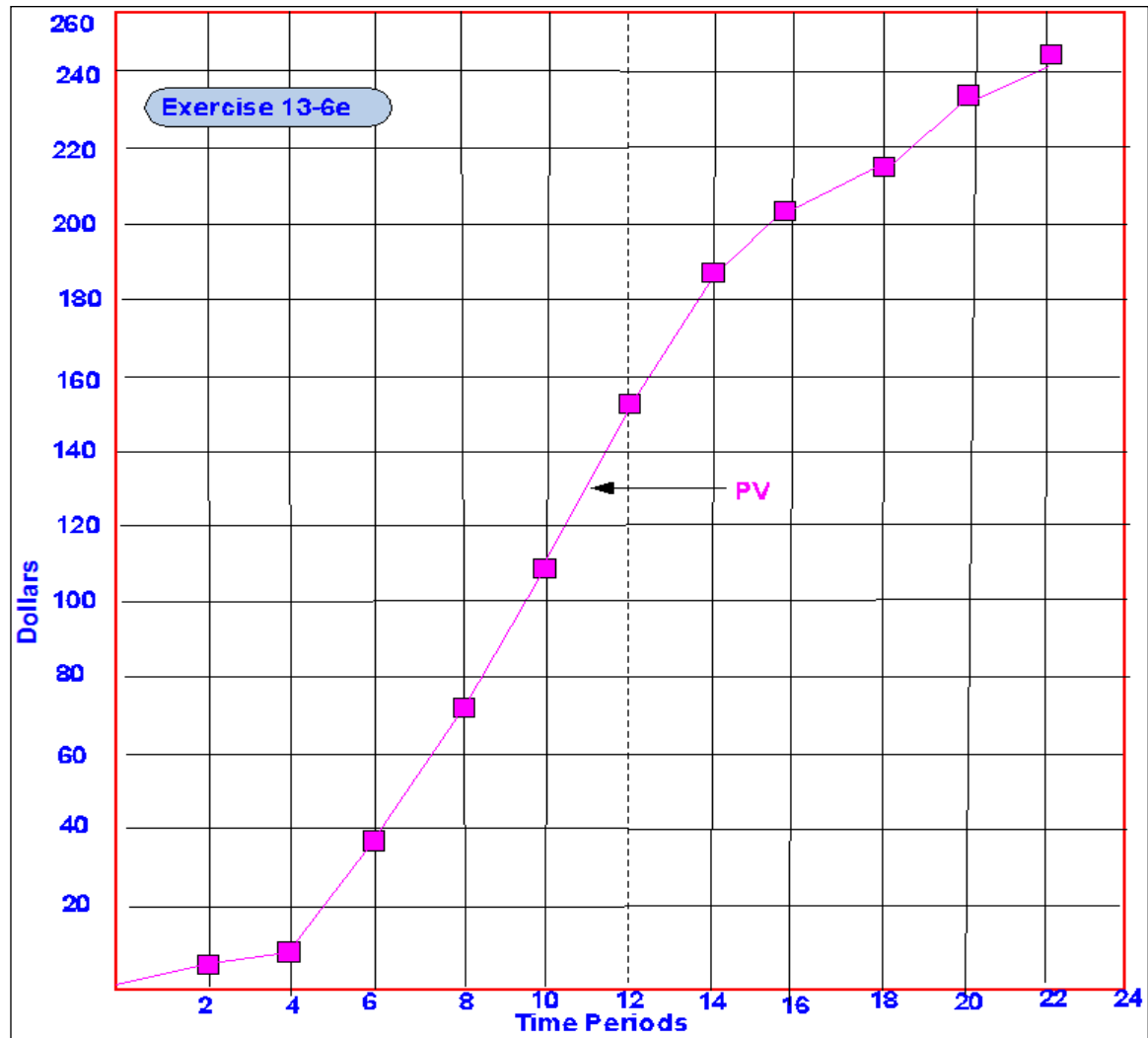


Figure 13-6e

**Indexes
Periods 2-12**

