Example 1:

|  |  |  |
| --- | --- | --- |
| Task | Duration (s) | Dependencies |
| A | 30 | - |
| B | 60 | - |
| C | 10 | - |
| D | 10 | A |
| E | 10 | B, C |
| F | 40 | E |
| G | 10 | F, D |

1. What is the critical path?
2. What is the project duration?
3. What is the float on activity D?
4. What is the impact to the project if activity C takes 60s longer than planned?

Example 2:

|  |  |  |
| --- | --- | --- |
| Task | Duration (days) | Dependencies |
| A | 12 | - |
| B | 8 | - |
| C | 7 | A, B |
| D | 3 | C |
| E | 5 | D |
| F | 2 | C |
| G | 1 | F |

1. What is the critical path?
2. What is the project duration?
3. What is the float on activity D?
4. What is the impact to the project if activity F takes 1 day longer than planned?