CSE3310 Spring 2016

1. Given the below table of TASKS, MILESTONES, DEPENDENCIES, and DURATIONS draw the activity diagram and **determine the critical path**.

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| --- | --- | --- |
| TASK/MILESTONE | DURATION | DEPENDENCIES |
| T1 | 5 |  |
| T2 | 2 |  |
| T3 | 6 | T1 |
| T4 | 1 | M2 |
| T5 | 3 |  |
| M1 |  | T3 |
| M2 |  | T2 |
| M3 |  | T4,M1 |
| FINISH |  | T5,M3 |

(please include the duration of each path on the diagram)

1. There are four activities common to all software processes. For each, provide two examples of output work products that can be produced by that activity.
   1. Software specification (initiation, requirements)
   2. Software design and implementation
   3. Software validation (testing, QA)
   4. Software evolution (enhancement/maintenance)