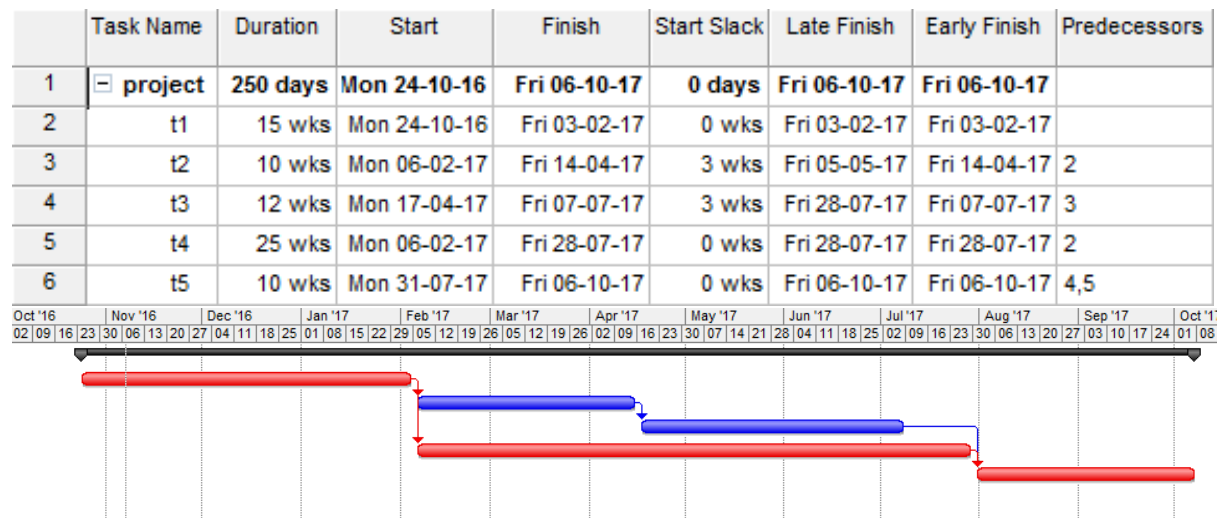


# Assignment 8th

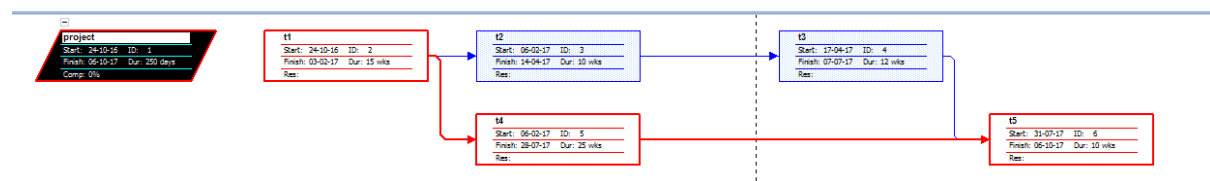
Consider a software project with 5 tasks t1, t2 duration of 5 tasks in weeks are 15,10,12,25,10 respectively. t1 & t4 can start when t1 is complete, t3 can start when t2 is complete, t5 can start when t3 & t4 are complete.

Show the network diagram, Critical path, early Finish, late Finish & slack time for each time.

## Gantt chart:



## Network diagram:



## Critical path:

ID 2: t1

ID 5: t4

ID 6: t5

### **Early finish, Late Finish:**

Task Name	Duration	Start	Finish	Start Slack	Late Finish	Early Finish
<input type="checkbox"/> project	250 days	Mon 24-10-16	Fri 06-10-17	0 days	Fri 06-10-17	Fri 06-10-17
t1	15 wks	Mon 24-10-16	Fri 03-02-17	0 wks	Fri 03-02-17	Fri 03-02-17
t2	10 wks	Mon 06-02-17	Fri 14-04-17	3 wks	Fri 05-05-17	Fri 14-04-17
t3	12 wks	Mon 17-04-17	Fri 07-07-17	3 wks	Fri 28-07-17	Fri 07-07-17
t4	25 wks	Mon 06-02-17	Fri 28-07-17	0 wks	Fri 28-07-17	Fri 28-07-17
t5	10 wks	Mon 31-07-17	Fri 06-10-17	0 wks	Fri 06-10-17	Fri 06-10-17

### **Slack time:**

t1: 0 week

t2: 3 weeks

t3: 3 weeks

t4: 0 week

t5: 0 week

**Conclusion:** By using MS Project software we can easily create Gantt chart of particular software; we can also calculate critical path using MS Project.