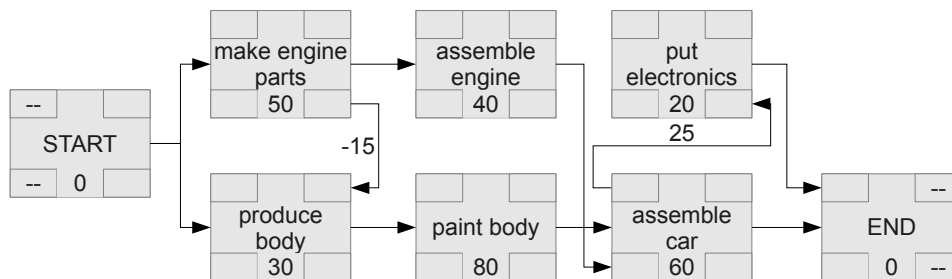


Project Management Exercise

1. Compute the complete schedule of the diagram below by doing the forward and the backward pass. Also compute the float for all activities. Which activities are on the critical path?

Figure 1: Schedule



2. The bar chart below shows the plan for four activities of a project. The lighter bars indicate how much time was spent on an activity and the darker bars show how much time was planned. Activity *C* is still not finished. Assume that one day of work costs 100 CHF per activity. Use the earned value method and the 20/80 rule to compute the cost performance index (CPI) for these four activities.

Figure 2: Project Bar Chart

