PMP Week 1:

* Project
  + A temporary endeavor with a specific goal and a defined beginning and end. It is undertaken to create a unique product, service, or result
* Program
  + Group of related projects. Needs to be managed together to achieve the objectives
* Portfolio
  + Collection of projects and programs to facilitate management of work to meet the strategic objectves of the company. Example: Supply chain.
* Task
  + A specific actionable unit of work with a defined outcome
* Methodologies:
  + Waterfall
    - Linear progression
    - Emphasis on planning
    - Clear roles and responsibilities
    - Predictable timelines and budgets
  + Agile
    - Iterative and incremental: Delivers software in small, workable chuncks (sprints)
    - Cross functionalteams
    - Focus on working software over extensive documentation
    - Scrum: Iterative and incremental framework
    - Kanban: Focuses on visualizing workflow and limiting work in progress
* Scope
  + The work that needs to be accomplished to deliver a project
  + Requirements as “conditions or capabilities that must be met by the project or present in the product, service, or result to satisfy an agreement
* Schedule
  + A structured framework that outlines the planned start and end dates for project activities, milestones, and deliverables
* Budget
  + Outlines the expected costs for different components of a project
  + Used to ensure the project stays within its financial limits
* Resources
  + Allocating the right resources is critical for project success. This plan outlines the human, technical, and financial resources
* Risk
  + Refers to any uncertain event or condition that if occurs, has a positive or negative effect on the project’s objectives
* Milestone
  + A significant event or task in the project timeline that marks progression, such as completion of a major phase
  + It is usually represented as a point on the timeline with zero duration
* Deliverable
  + A tangible or intangible good or service produced as a result of a project that is intended to be delivered to a customer or stakeholder
  + Examples are reports, software products, meeting minutes, and trained employees