1. During *problem definition* we clarify the client’s objectives and gather the information needed to develop an engineering statement of the client’s wants.

   **Input:** client’s statement

   **Tasks:**
   - clarify design objectives (1)
   - establish user requirements (2)
   - identify constraints (3)
   - establish functions (4)

   **Output:** revised problem statement
   - refined objectives
   - constraints
   - user requirements
   - functions