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Final Project Specification (requirements)

**Problem Definition**: Design a problem that organizes a job hiring process. Implement a .txt document that includes names and numbers of the people interviewing for the job.

**Requirements of the System:** The program should read in what the interviewers are told and read what person answers what. This includes the interview questions. When the questions are answered (simple answers) the program should organize the people interviewed based on their answers and based on what the employer wants. It should be able to organize the information on who is interviewing when and make sure there are not two people for the same time.

**What the Problem Accomplishes:**  The problem will organize a job hiring system and allow the employer to make a better decision on which person to hire.

**Assumptions:** It is assumed that the hiring process is simple and the employer doesn’t need to ask too many questions to get the answer they want. It is also assumed that the people being interviewed can only answer a few different answers that way the computer can correctly sort the information.

**Design:**

**Class:**

Person

**Properties:**

**-**name: string

-number: int

**Behaviors:**

-get\_name(): string

-get\_number(): int

**Class:**

Job

**Properties:**

+person: string

+time: int

+question: string

-ans: string

**Behaviors:**

-get\_time(): int

-get\_question(): string

-calc\_results(): string

-sort(): string

-get\_person