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| --- |
| Person |
| - name: string  - id: string  - age: int |
| + Person()  + setName(n: string): void  + setID(n: string): void  + setAge(a: int): void  + getName(): string  + getID(): string  + getAge(): int  + printInfo(): void |

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| --- |
| Customer |
| -mechanicID: string  - appointment: Appointment |
| + Customer()  + getMechanicID(): string  + getAppointment(): Appointment  + setMechanicID(n: string): void  + setAppointment(app: Appointment): void  + operator==(c: Customer&): bool  + operator>(c: Customer&): bool  + operator<(c: Customer&): bool  + printInfo(): void | |

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| --- |
| Mechanic |
| - counter: int  - apps: Appointment\* |
| + Mechanic()  + setCounter(c: int): void  + setApps(a: Appointment\*): void  + getCounter(): int  + getApps(): Appointment\*  + isAvailable(ap: Appointment): bool  + addApp(h: int, m: int): void  + printInfo(): void |

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| --- |
| Appointment |
| - hour:int  - min:int |
|  |

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| --- |
| Queue |
| - a: Type\*  - rear: int  - front: int  - nItems: int |
| + Queue() |  + push(x: Type): void |  + pop(): Type |  + isEmpty(): bool|  + length(): int |