

group: CS220P

```
Patients = {  
  name:string, age:number  
  Mary, 45  
  Jane, 60  
  Mehdi, 33  
  Alex, 30  
  Bob, 27  
}
```

```
RecoveredPatients = {  
  name:string, age:number  
  Mary, 45  
  John, 60  
  Al, 33  
  Barbara, 30  
  Alex, 27  
}
```

```
Diagnosis = {  
  pname:string, disease:string, diagnosis_date:date  
  Mary, Flu, 2021-01-01  
  Jane, COVID, 2021-01-01  
  Mehdi, Mono, 2021-01-02  
  Alex, Strep, 2021-01-03  
  Bob, Mono, 2021-02-01  
  John, COVID, 2021-02-10  
  Al, Strep, 2021-02-16  
  Mary, Strep, 2021-02-16  
  Mehdi, Meningitis, 2021-02-10  
}
```

```
ToDiagnose = {  
  disease:string, test:string  
    Flu, A  
    COVID, B  
    Mono, C  
    Strep, D  
    Mono, E  
    COVID, F  
    Strep, G  
    Meningitis, H  
}
```

```
Outcomes = {
  pname:string, test:string, result:string, test_date:date
  Mary, A, true, 2021-01-01
    Mary, B, false, 2021-01-01
    Mary, D, true, 2021-01-01
    Jane, B, true, 2021-01-01
    Jane, C, false, 2021-01-01
    Jane, F, false, 2021-01-01
    Mehdi, E, true, 2021-01-02
    Mehdi, E, false, 2021-01-02
    Mehdi, F, true, 2021-01-02
    Alex, G, true, 2020-01-03
    Bob, C, true, 2021-02-01
    Al,G,true, 2020-02-16
    Barbara, G, false, 2020-02-10
    Alex, A, true, 2020-01-03
    Mary, A, true, 2020-01-01
}
```