

**CS3431 (Database Systems I)**  
**Quiz 2**

**Name:**

**Doctor**(SSN, FirstName, LastName, Specialty, YearsOfExperience, PhoneNum)

**Patient**(SSN, FirstName, LastName, Address, DOB, PrimaryDoctor\_SSN)

**Medicine**(TradeName, UnitPrice, GenericFlag)

**Prescription**(Id, Date, Doctor\_SSN, Patient\_SSN)

**Prescription\_Medicine**(Prescription Id, TradeName, NumOfUnits)

**Q1: Write SQL query to report the prescription id and its total cost of prescriptions having total cost between \$100 and \$200. Sort ascending based on the total cost.**

**Doctor**(SSN, FirstName, LastName, Specialty, YearsOfExperience, PhoneNum)  
**Patient**(SSN, FirstName, LastName, Address, DOB, PrimaryDoctor\_SSN)  
**Medicine**(TradeName, UnitPrice, GenericFlag)  
**Prescription**(Id, Date, Doctor\_SSN, Patient\_SSN)  
**Prescription\_Medicine**(Prescription Id, TradeName, NumOfUnits)

**Q2: Create an assertion that ensures that any primary doctor has at least 3 years of experience.**