SQL Assessment - Set 1: Basic SQL

# Dataset (Run First)

-- Customers  
CREATE TABLE Customers (  
 CustomerID INT PRIMARY KEY,  
 CustomerName VARCHAR(50),  
 City VARCHAR(50)  
);  
INSERT INTO Customers VALUES   
(1, 'Alice', 'Bangalore'),  
(2, 'Bob', 'Mumbai'),  
(3, 'Carol', 'Bangalore'),  
(4, 'David', 'Delhi');  
  
-- Toys  
CREATE TABLE Toys (  
 ToyID INT PRIMARY KEY,  
 ToyName VARCHAR(50),  
 Price INT,  
 AgeGroup VARCHAR(10)  
);  
INSERT INTO Toys VALUES   
(101, 'PlayStix', 500, '3+'),  
(102, 'Lego', 700, '6+'),  
(103, 'Barbie', 800, '5+'),  
(104, 'Beyblade', 600, '7+');  
  
-- Rentals  
CREATE TABLE Rentals (  
 RentalID INT PRIMARY KEY,  
 CustomerID INT,  
 ToyID INT,  
 RentalDate DATE,  
 ReturnDate DATE,  
 Amount INT  
);  
INSERT INTO Rentals VALUES   
(1, 1, 101, '2020-01-20', '2020-01-25', 100),  
(2, 1, 102, '2020-02-01', '2020-02-06', 150),  
(3, 2, 103, '2020-01-25', NULL, 120),  
(4, 3, 101, '2020-01-25', '2020-01-30', 100),  
(5, 3, 104, '2020-03-01', NULL, 130);

# Questions

1. Q1. How many customers are there in each city?
2. Q2. Retrieve all toys with a price greater than 600, sorted by price descending.
3. Q3. Show the total amount spent by each customer.