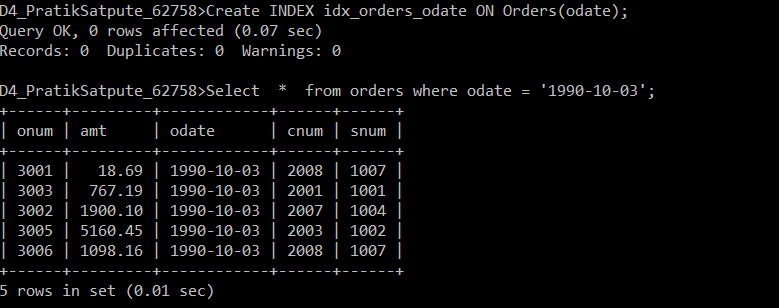
Assignment 10

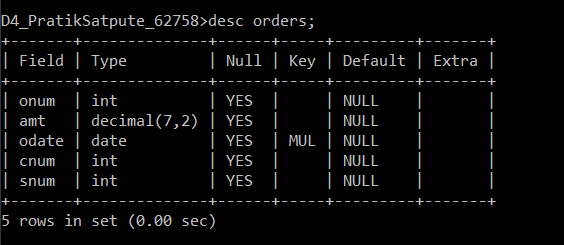
1. **Create an index that will enable a user to pull orders for ‘1990-10-03’ out of the Orders table quickly.**

**Ans:**

Create INDEX idx\_orders\_odate ON Orders(odate);

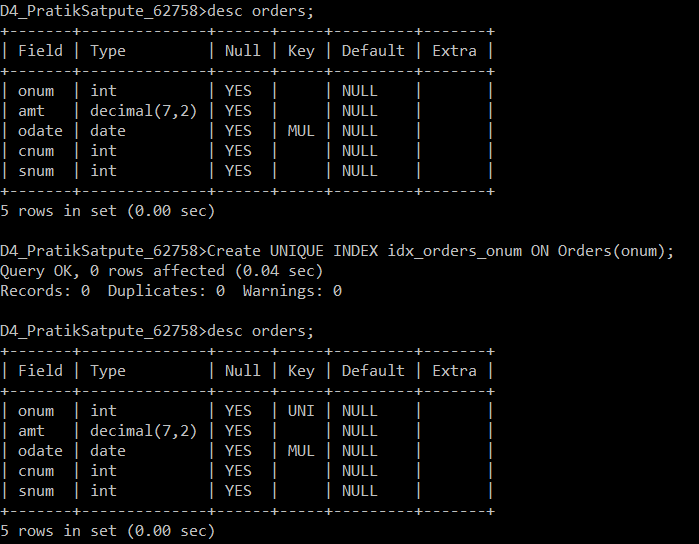
Select \* from orders where odate = '1990-10-03';





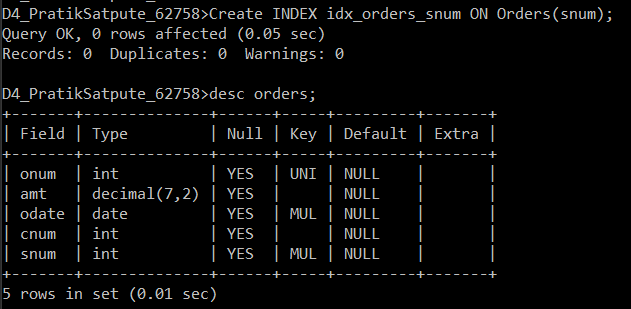
1. **If the Orders table has already been created, how can you force the onum field to be unique (assume all current values are unique)?**

**Ans:** Create UNIQUE INDEX idx\_orders\_onum ON Orders(onum);



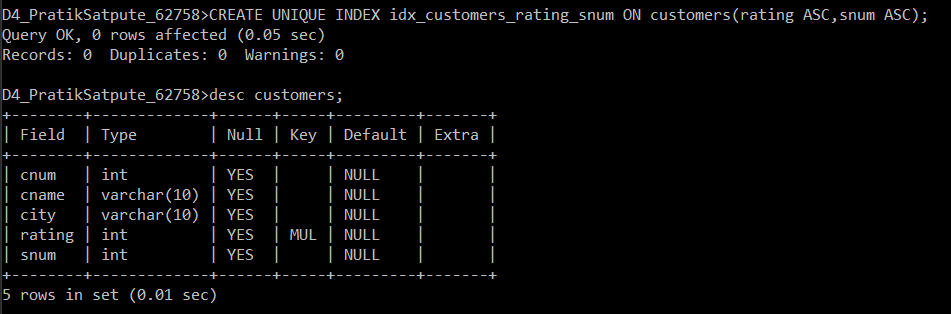
1. **Create an index that would permit salesperson to retrieve his orders.**

**Ans:** Create INDEX idx\_orders\_snum ON Orders(snum);

****

1. **Let us assume that each salesperson is to have only one customer of a given rating, and that this is currently the case. Create an index that enforces it.**

**Ans:** Create UNIQUE INDEX idx\_customers\_rating\_snum ON customers(rating ASC ,snum ASC);



1. **Let us assume that each salesperson is to have only one customer of a given rating, and that this is currently the case. Create an index that enforces it.**

**Ans:**

Create INDEX idx\_orders\_odate\_cnum ON Orders (odate ASC , cnum ASC);