**BLOOD BANK MANAGEMENT SYSTEM**

**AIM:**

**SCHEMA:**

donor(did,dname,age,sex,bloodtype);

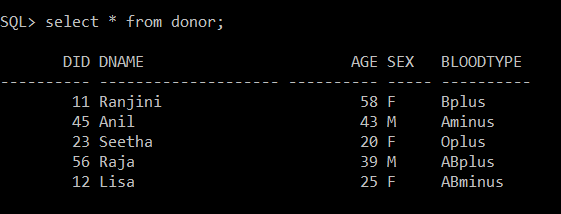
recipient(rid,rname,age,sex,bloodtype);

blood(bankid,bloodtype,donor,recipient,quantity,did,rid);

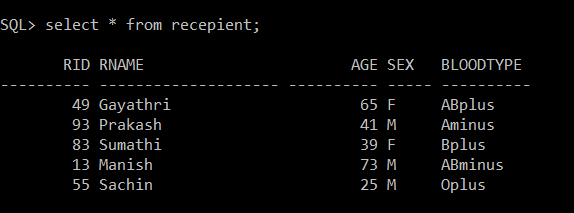
bank(bankid,bname,address,city,state,);

**THE TABLES IN THIS SYSTEM ARE:**

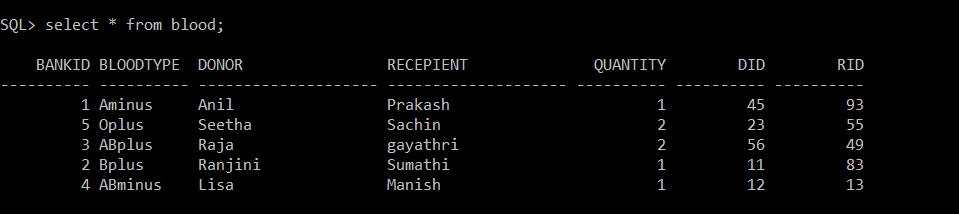
* **DONOR:**



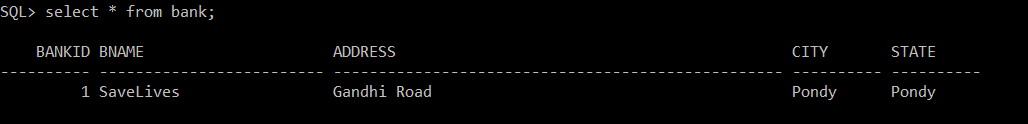
* **RECEPIENT:**



* **BLOOD:**



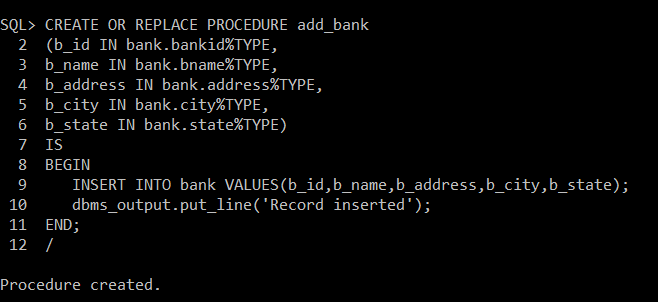
* **BANK:**



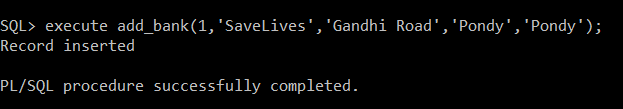
**PROCEDURES:**

1. **Question:** Insert a record into the table bank with entries (1,’SaveLives’,’Gandhi Road’,’Pondy’,’Pondy’)

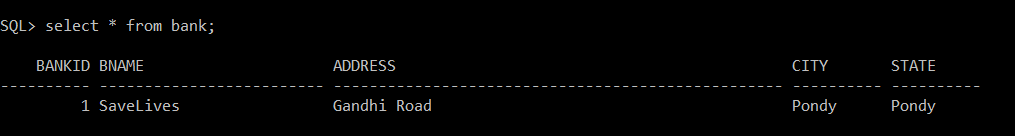
**Procedure:**



**Execution:**

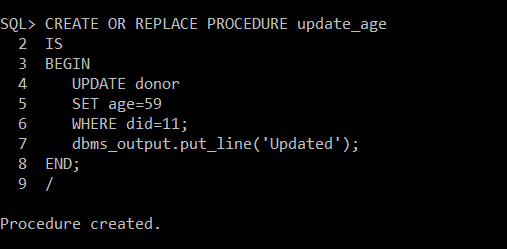


**OUTPUT:**

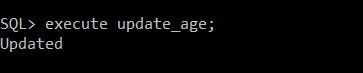


1. **Question:** Update the age of a donor named “Ranjini” from 58 to 59.

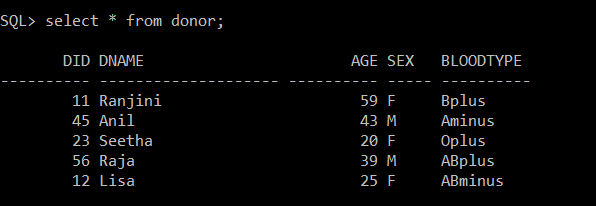
**Procedure:**



**Execution:**



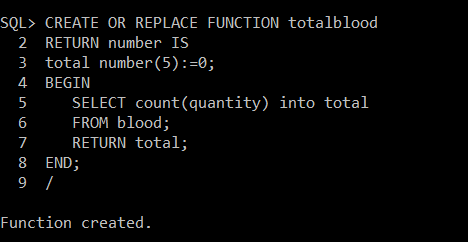
**OUTPUT:**



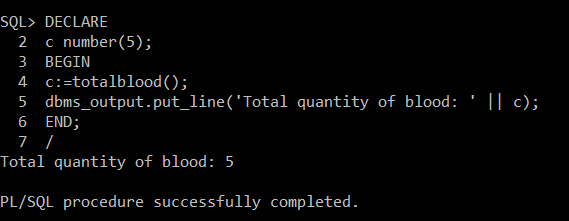
**FUNCTIONS:**

1. **Question:** Calculate the total quantity of blood available.

**Function:**

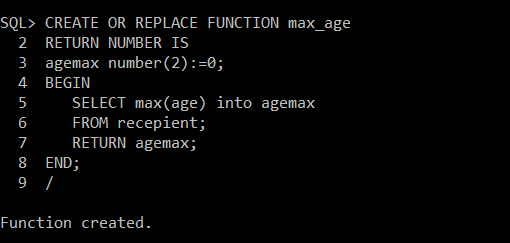


**Execution and Output:**

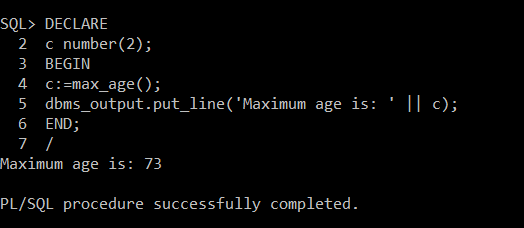


1. **Question:** To find the maximum age from the recipients.

**Function:**



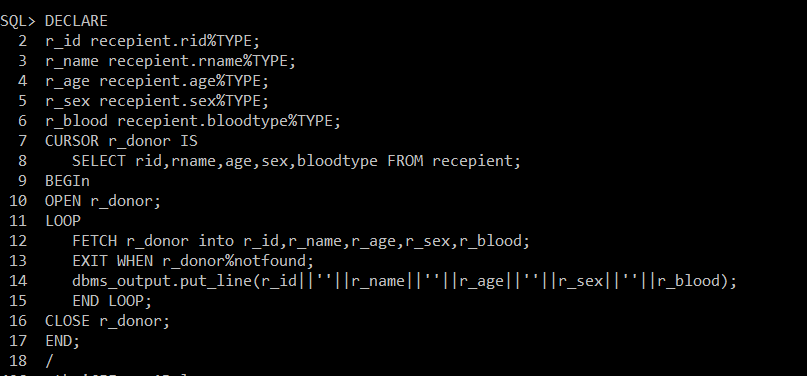
**Execution and Output:**



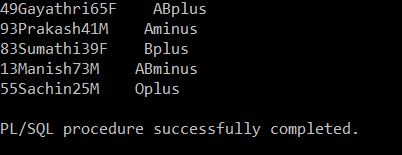
**CURSORS:**

1. **Question:** Create an explicit cursor to display all the records in the table Recepient.

**Explicit Cursor Code:**

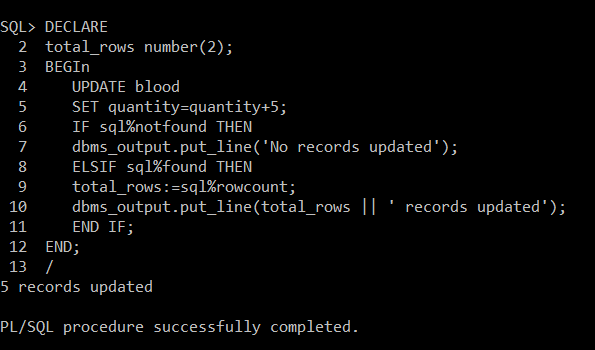


**Output:**

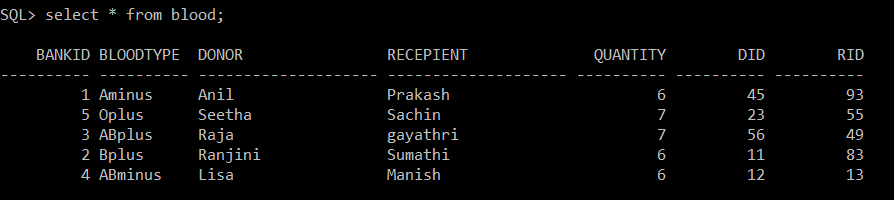


1. **Question(By implicit cursor):** Update all the quantities of blood by 5.

**Implicit Cursor Code:**



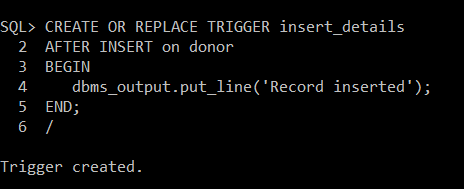
**Output:**



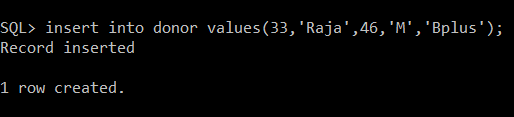
**TRIGGERS:**

1. **Question:** Create a trigger that lets us know that a record has been inserted after the insertion is successful.

**Trigger:**

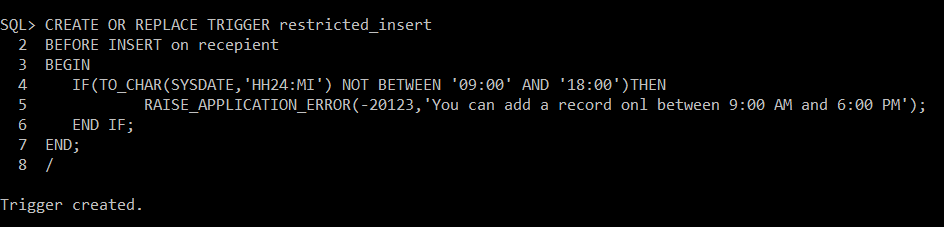


**Output:**



1. **Question:** Add a record to a table only if the time is between 9:00 AM and 6:00 OM.

**Trigger:**



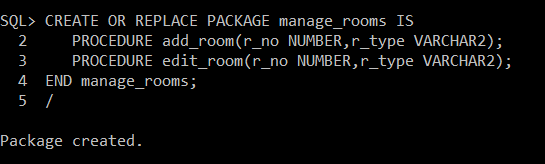
**Output:**



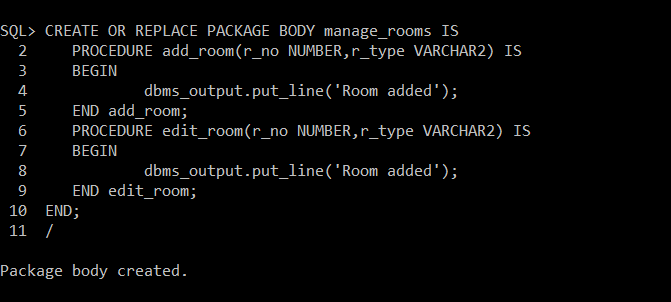
**PACKAGE:**

**1. Question:** Create a package with two procedures add\_sample and edit\_sample

**Procedure:**



**Defining body of the package:**



**Output:**

