#2
```
CREATE TABLE SCHOLARSHIPS(
SCHOLARSHIP_ID              INTEGER          NOT NULL    UNIQUE
SCHOLARSHIP_NAME            CHAR(25)    NOT NULL
AMOUNT_AVAILABLE            INTEGER          NOT NULL
PRIMARY KEY(SCHOLARSHIP_ID ));

CREATE TABLE STUDENTS(
STUDENT_ID        INTEGER          NOT NULL    UNIQUE
FIRST_NAME        CHAR(25)    NOT NULL
LAST_NAME         CHAR(25)    NOT NULL
PRIMARY KEY(STUDENT_ID        ));

CREATE TABLE SCHOLARSHIP_AWARDS(
SA-ID                       INTEGER          NOT NULL    UNIQUE
STUDENT_ID                  INTEGER          NOT NULL
SCHOLARSHIP_ID              INTEGER          NOT NULL
AMOUNT_AWARDED                   CHAR(50)    NOT NULL
PRIMARY KEY(SA_ID)
FOREIGN KEY (STUDENT_ID)REFERENCES STUDENTS ON UPDATE CASCADE
FOREIGN KEY (SCHOLARSHIP_ID) REFERENCES SCHOLARSHIPs ON UPDATE
CASCADE);

CREATE TABLE SCHOLARSHIP_APPLICATIONS(
ID                             INTEGER          NOT NULL    UNIQUE
STUDENT_ID                  INTEGER          NOT NULL
SCHOLARSHIP_ID              INTEGER          NOT NULL
ESSAY_RESPONSE              CHAR(50)    NOT NULL
PRIMARY KEY(ID)
FOREIGN KEY (STUDENT_ID)REFERENCES STUDENTS ON UPDATE CASCADE

FOREIGN KEY (SCHOLARSHIP_ID) REFERENCES SCHOLARSHIPs ON UPDATE
CASCADE);
```

#3
```
INSERT INTO SCHOLARSHIPS VALUES (1,'Presidents Award',15000);
INSERT INTO SCHOLARSHIPS VALUES (2,'Chancellor Academic Award',25000);
INSERT INTO SCHOLARSHIPS VALUES (3,'Chevron Award,20000');

INSERT INTO STUDENTS VALUES (1,'Stephan','Bowers');
INSERT INTO STUDENTS VALUES (2,'Michael','Eppenberger');
INSERT INTO STUDENTS VALUES (3,'Kirkland','French');
INSERT INTO STUDENTS VALUES (4,'Jonathan','Majors');
```

```
INSERT INTO STUDENTS VALUES (5,'Julian','Moll');
INSERT INTO STUDENTS VALUES (6,'Alexander','Valov');
INSERT INTO STUDENTS VALUES (7,'ChengLong','Ruan');
INSERT INTO STUDENTS VALUES (8,'Meagan','Schreiber');
INSERT INTO STUDENTS VALUES (9,'Lina','Shapovalova');

INSERT INTO SCHOLARSHIP_AWARDS VALUES (1,2,9,1500);
INSERT INTO SCHOLARSHIP_AWARDS VALUES (2,3,8,1500);
INSERT INTO SCHOLARSHIP_AWARDS VALUES (3,1,7,2000);
INSERT INTO SCHOLARSHIP_AWARDS VALUES (4,2,6,1500);
INSERT INTO SCHOLARSHIP_AWARDS VALUES (5,2,5,3000);
INSERT INTO SCHOLARSHIP_AWARDS VALUES (6,3,4,5000);
INSERT INTO SCHOLARSHIP_AWARDS VALUES (7,3,3,2500);
INSERT INTO SCHOLARSHIP_AWARDS VALUES (8,2,2,2500);
INSERT INTO SCHOLARSHIP_AWARDS VALUES (9,1,1,1500);

INSERT INTO SCHOLARSHIP_AWARDS VALUES (1,2,2,'Lorem ipsum dolor');
INSERT INTO SCHOLARSHIP_AWARDS VALUES (2,2,3,'Congue incorrupte');
INSERT INTO SCHOLARSHIP_AWARDS VALUES (3,1,1,'Congue incorrupte');
INSERT INTO SCHOLARSHIP_AWARDS VALUES (4,3,3,'Congue incorrupte');
INSERT INTO SCHOLARSHIP_AWARDS VALUES (5,3,2,'Nam te feugait');
INSERT INTO SCHOLARSHIP_AWARDS VALUES (6,4,1,'Lorem ipsum dolor');
INSERT INTO SCHOLARSHIP_AWARDS VALUES (7,4,3,'Est ut alterum meliore');
INSERT INTO SCHOLARSHIP_AWARDS VALUES (8,5,2,'Veniam civibus e');
INSERT INTO SCHOLARSHIP_AWARDS VALUES (9,7,3,'Id ius detraxit aliquando');
INSERT INTO SCHOLARSHIP_AWARDS VALUES (10,7,1,'Id ius detraxit aliquando');
INSERT INTO SCHOLARSHIP_AWARDS VALUES (11,9,3,'Nullam prompta theophrastus');
INSERT INTO SCHOLARSHIP_AWARDS VALUES (12,8,3,'Nullam prompta theophrastus');
INSERT INTO SCHOLARSHIP_AWARDS VALUES (13,9,2,'Ex est cibo posidonium');
INSERT INTO SCHOLARSHIP_AWARDS VALUES (14,6,2,'Nullam prompta theophrastus');
```

#4
```
SELECT first_name,last_name, scholarship_name,essay_response,amount_awarded
        FROM STUDENTS JOIN SCHOLARSHIP_AWARDS ON STUDENT_ID JOIN
SCHOLARSHIPS ON SCHOLARSHIP_ID;
```

#5
```
SELECT SCHOLARSHIP_NAME, AVG(AMOUNT_AWARDED) AS  "Average Amount
Awarded"
        FROM SCHOLARSHIPS JOIN SCHOLARSHIP_AWARDS ON SCHOLARSHIP_ID
        ORDER BY SCHOLARSHIP_ID;
```

#6

```sql
SELECT SCHOLARSHIP_NAME, SUM(AMOUNT_AWARDED) AS "Total Amount Awarded"
    FROM SCHOLARSHIPS JOIN SCHOLARSHIP_AWARDS ON SCHOLARSHIP_ID
    GROUP BY SCHOLARSHIP_ID;
```