Write a function which takes member_Name as input parameter and returns count of books issued.

```
delimiter $$
create function cntBooks(MName VARCHAR(40)) returns int
reads sql data
begin
declare ct int default 0;
select count(*) into ct FROM issues where Member_id=(select Member_id
from Members where Member_name=MName);
return ct;
end
$$
delimiter;
select cntBooks("Ahana");
```

2. Write a trigger that will convrt book name to upper case before inserting a new record in the books table.

```
delimiter $$
create trigger BUpperCase BEFORE INSERT ON Books
for each row
begin
set new.book_Name=UPPER(new.book_name);
end $$
delimiter;
```

select * from books;

1	Book_id	Book_Name	Book_Author	Book_cost	DOPublication	Member_id	Book_Publication
	1200	The Subtle Art of Not Giving a Fuck	Mark Manson	250	2017-05-10	100	HarperCollins Publishers
1	1201	Harry Potter	J.K.Rowling	370	2001-07-23	101	Penguin Publication
1	1202	Malgudi Days	R.K.Narayan	150	1999-05-12	102	Malgudi Publishers
1	1203	The Room on the Roof	Ruskin Bond	200	2000-08-13	103	HarperCollins
1	1204	The God of Small Things	Arundhati Roy	390	2006-08-10	104	Penguin Random House
1	1205	Pathways to Light	Dr Prakash Amte	210	2000-03-08	105	Penguin Publication
1	1206	Rich Dad Poor Dad	Robert T. Kiyosaki	300	2008-06-03	106	Penguin Publication
1	1207	Endless Night	Agatha Christi	500	2009-05-09	107	HarperCollins
1	1208	Five Little Pigs	Agatha Christi	780	2007-06-19	108	HarperCollins
1	1209	The Story of My Life	Hellen Keller	600	1976-06-19	109	Simon & Schuster
1	1210	Crooked House	Agatha Christi	450	2004-06-19	110	HarperCollins
. E	HULL	NULL	NULL	NULL	NULL	NULL	NULL

insert into books

value (1212,'R','Divergent','Veronica Roth',290,'2016-08-19',101,'Penguin Publishers'); select * from books;

	Book_id	Status	Book_Name	Book_Author	Book_cost	DOPublication	Member_id	Book_Publication
١	1200	R	The Subtle Art of Not Giving a Fuck	Mark Manson	250	2017-05-10	100	HarperCollins Publishers
	1201	I	Harry Potter	J.K.Rowling	370	2001-07-23	101	Penguin Publication
	1202	I	Malgudi Days	R.K.Narayan	150	1999-05-12	102	Malgudi Publishers
	1203	I	The Room on the Roof	Ruskin Bond	200	2000-08-13	103	HarperCollins
	1204	I	The God of Small Things	Arundhati Roy	390	2006-08-10	104	Penguin Random House
	1205	R	Pathways to Light	Dr Prakash Amte	210	2000-03-08	105	Penguin Publication
	1206	I	Rich Dad Poor Dad	Robert T. Kiyosaki	300	2008-06-03	106	Penguin Publication
	1207	R	Endless Night	Agatha Christi	500	2009-05-09	107	HarperCollins
	1208	R	Five Little Pigs	Agatha Christi	780	2007-06-19	108	HarperCollins
	1209	R	The Story of My Life	Hellen Keller	600	1976-06-19	109	Simon & Schuster
	1210	R	Crooked House	Agatha Christi	450	2004-06-19	110	HarperCollins
	1212	R	DIVERGENT	Veronica Roth	290	2016-08-19	101	Penguin Publishers
	NULL	HULL	HULL	HULL	HULL	NULL	NULL	NULL

3.Create table

Ex_bookrecord(Book_id(pk),bookname,bookauthor,bookpub,bookcost,DOPub)Write a trigger that will add the book record to Ex_bookrecord when it is deleted from the books table.

```
create table Ex_bookrecord(
Book_id INT PRIMARY KEY,
bookname VARCHAR(40),
bookauthor VARCHAR(40),
bookpub VARCHAR(30),
bookcost INT,
DOPub DATE
);
```

Delimiter \$\$

create TRIGGER deletetrigger AFTER DELETE ON Books

for each row

begin

Insert into Ex_bookrecord(book_id,bookname,bookauthor,bookpub,bookcost,DOPub)

values(old.book_id,old.book_name,old.book_author,old.Book_Publication,old.book_cost ,old.DOPublication);

end \$\$;

delimiter;

set sql_safe_updates=0;

set foreign_key_checks=0;

delete from books where book_id=1201;

select * from books;

	Book_id	Status	Book_Name	Book_Author	Book_cost	DOPublication	Member_id	Book_Publication
•	1200	R	The Subtle Art of Not Giving a Fuck	Mark Manson	250	2017-05-10	100	HarperCollins Publishers
	1202	I	Malgudi Days	R.K.Narayan	150	1999-05-12	102	Malgudi Publishers
	1203	I	The Room on the Roof	Ruskin Bond	200	2000-08-13	103	HarperCollins
	1204	I	The God of Small Things	Arundhati Roy	390	2006-08-10	104	Penguin Random House
	1205	R	Pathways to Light	Dr Prakash Amte	210	2000-03-08	105	Penguin Publication
	1206	I	Rich Dad Poor Dad	Robert T. Kiyosaki	300	2008-06-03	106	Penguin Publication
	1207	R	Endless Night	Agatha Christi	500	2009-05-09	107	HarperCollins
	1208	R	Five Little Pigs	Agatha Christi	780	2007-06-19	108	HarperCollins
	1209	R	The Story of My Life	Hellen Keller	600	1976-06-19	109	Simon & Schuster
	1210	R	Crooked House	Agatha Christi	450	2004-06-19	110	HarperCollins
	1212	R	DIVERGENT	Veronica Roth	290	2016-08-19	101	Penguin Publishers
	NULL	HULL	NULL	NULL	NULL	NULL	NULL	NULL

select * from Ex_bookrecord;

Book_id	bookname	bookauthor	bookpub	bookcost	DOPub
1201	Harry Potter	J.K.Rowling	Penguin Publication	370	2001-07-23
NULL	NULL	NULL	NULL	NULL	NULL
	1201	1201 Harry Potter	1201 Harry Potter J.K.Rowling	1201 Harry Potter J.K.Rowling Penguin Publication	1201 Harry Potter J.K.Rowling Penguin Publication 370