This trigger will maintain the derived attribute total_loan in the bank_branch table. This file is called in load.sql right before the values are inserted into the loan table. It is triggered whenever the amount column of bank_branch is updated or has a deletion or an insertion, which causes the total_loan to be updated with the correct total.

```
CREATE OR REPLACE TRIGGER tot_loan_trig1
BEFORE INSERT OR UPDATE OR DELETE OF amount ON loan
FOR EACH ROW
BEGIN
        IF INSERTING THEN
          UPDATE bank branch
            SET total_loan = total_loan + :NEW.amount
              WHERE bank branch.branchno = :NEW.branchno;
        ELSIF UPDATING THEN
          UPDATE bank branch
            SET total_loan = total_loan + :NEW.amount - :OLD.amount
              WHERE bank_branch.branchno = :OLD.branchno;
        ELSE -- deleting
          UPDATE bank branch
            SET total loan = total loan - :OLD.amount
              WHERE bank branch.branchno = :OLD.branchno;
        END IF;
END;
```