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CREATE DEFINER=`root`@`localhost` PROCEDURE `update_article_likes`
(uid varchar(255), aid varchar(255))
begin
    declare isExist int;
    declare `s_like` int;
    select count(*) into isExist from user_article_likes
        where user_id = uid and article_id = aid;
    if isExist = 0 then
        insert into user_article_likes
            (user_id, article_id, is_like)
            values (uid, aid, 1);
        update user u, article a set
            u.integral_count = u.integral_count + 2
            where a.author_id = u._id and a._id = aid;
    else
        update user_article_likes
            set is_like = case when(is_like=0) then 1 else 0 end
            where user_id = uid and article_id = aid;
        select is_like into s_like
            from user_article_likes
            where user_id = uid and article_id = aid;
        if s_like = 1 then
            update user u, article a
                set u.integral_count = u.integral_count + 2
                where a.author_id = u._id and a._id = aid;
        else
            update user u, article a
                set u.integral_count = u.integral_count - 2
                where a.author_id = u._id and a._id = aid;
        end if;
    end if;
end

```