

```
public class User
{
    public User(user user, bool followed)
    {
        Id = user.id;
        UserName = user.userName;
        FullName = user.fullName;
        ProfilePicture = user.profilePicture;
        Followed = followed;
    }

    public int Id { get; }
    public string UserName { get; }
    public string FullName { get; }
    public string ProfilePicture { get; }
    public bool Followed { get; }
}

public class Post
{
    public Post(post post, User user, bool liked)
    {
        Id = post.id;
        Description = post.description;
        Owner = user;
        Image = post.image;
        CreatedAt = post.createdAt;
        Liked = liked;
    }

    public int Id { get; }
    public string Description { get; }
    public User Owner { get; }
    public string Image { get; }
    public int CreatedAt { get; }
    public bool Liked { get; }
}
```

```

public List<Post> get_posts(int user_id, List<int> post_ids)
{
    var context = new SocialMediaEntities();

    //SELECT * FROM post WHERE id IN post_ids
    var posts = context.post.Where(p => post_ids.Contains(p.id)).ToList();
    var distinctUserIds = posts.Select(p => p.user_id).Distinct().ToList();
    //SELECT * FROM user WHERE id IN distinctUserIds
    var distinctUsers = context.user.Where(u => distinctOwnerIds.Contains(u.id)).ToList();

    var postList = new List<Post>();

    foreach (var id in post_ids)
    {
        var post = posts.FirstOrDefault(p => p.id == id);

        if (post != null)
        {
            var user = distinctUsers.First(u => u.id == post.user_id);
            postList.Add(new Post(post, new User(user, user.id == user_id), post.user_id == user_id));
        }
        else
        {
            postList.Add(null);
        }
    }

    return postList;
}

```