//index

db.posts1.createIndex({Id:1})

db.posts1.createIndex({ParentId:1})  
db.posts1.createIndex({OwnerUserId:1})

db.posts1.createIndex({LastEditorUserId:1})  
db.users.createIndex({Id:1})

//给posts的数据里添加decision day, for solving query 7, 为此生成了一个新的collection

db.posts1.aggregate([

{$lookup:{

from:"posts1",

localField:"AcceptedAnswerId",

foreignField:"Id",

as:"answer"}

},

{$lookup:{

from:"votes1",

localField:"answer.Id",

foreignField:"PostId",

as:"votes"}

},

{$unwind:"$votes"},

{$match:{"votes.VoteTypeId":1}},

{$addFields:{decision\_day:"$votes.CreationTime"}},

{$out:"posts2"}

])