

```
db.createCollection("availability");
```

```
1. db.availability.insert({  
  name:"Bull dog",  
  type:"dog",  
  cost:20000,  
  characterstics:"Courageous",  
  history:3,  
  status:"available"  
});  
db.availability.insert({  
  name:"Puppy",  
  type:"dog",  
  cost:30000,  
  characterstics:"Friendly Companion",  
  history:4,  
  status:"not"  
});  
...
```

```
db.createCollection("request");
```

```
2. db.request.insert({  
  customerName:"John",  
  pets:["dog","cat","parrot","rabbit","hamster"],  
  email:"someone@example.com"  
});  
db.request.insert({  
  customerName:"John",  
  pets:["dog","cat","parrot"],  
  email:"someone@example.com"
```

```
});
```

```
3. db.request.aggregate([
  {$lookup:{
    from:"availability",
    localField:"pets",
    foreignField:"type",
    as:"result"}
  },
  {$limit:5}
])
```

```
4. db.availability.find({type:"dog"}).count()
db.availability.find({type:"cat"}).count()
db.availability.find({type:"parrot"}).count()
```

```
5. db.request.aggregate([
  {$lookup:{
    from:"availability",
    localField:"pets",
    foreignField:"type",
    as:"result"}
  }
])
```