

ASYNCHRONOUS APEX

CONTROL PROCESSES WITH QUEUEABLE APEX

public class AddPrimaryContact implements Queueable

{

private Contact c;

private String state;

public AddPrimaryContact(Contact c, String state)

{

 this.c = c;

 this.state = state;

}

public void execute(QueueableContext context)

{

 List<Account> ListAccount = [SELECT ID, Name ,(Select id,FirstName,LastName from contacts)
FROM ACCOUNT WHERE BillingState = :state LIMIT 200];

 List<Contact> lstContact = new List<Contact>();

 for (Account acc:ListAccount)

 {

 Contact cont = c.clone(false,false,false,false);

 cont.AccountId = [acc.id](#);

 lstContact.add(cont);

 }

 if(lstContact.size() >0)

 {

 insert lstContact;

```
}
```

```
}
```

```
}
```

```
test class///
```

```
@isTest
```

```
public class AddPrimaryContactTest
```

```
{
```

```
    @isTest static void TestList()
```

```
    {
```

```
        List<Account> Teste = new List <Account>();
```

```
        for(Integer i=0;i<50;i++)
```

```
        {
```

```
            Teste.add(new Account(BillingState = 'CA', name = 'Test'+i));
```

```
        }
```

```
        for(Integer j=0;j<50;j++)
```

```
        {
```

```
            Teste.add(new Account(BillingState = 'NY', name = 'Test'+j));
```

```
        }
```

```
        insert Teste;
```

```
        Contact co = new Contact();
```

```
co.FirstName='demo';
```

```
co.LastName ='demo';
```

```
insert co;
```

```
String state = 'CA';
```

```
AddPrimaryContact apc = new AddPrimaryContact(co, state);
```

```
Test.startTest();
```

```
    System.enqueueJob(apc);
```

```
Test.stopTest();
```

```
}
```

```
}
```