In [4]:

```
import pandas as pd
import matplotlib.pyplot as plt
import numpy as np
ans=pd.read_csv("startup_funding.csv")
ans['StartupName'].replace("Oyo Rooms","Oyo",inplace=True)
ans['StartupName'].replace("OyoRooms","Oyo",inplace=True)
ans['StartupName'].replace("Oyorooms","Oyo",inplace=True)
ans['StartupName'].replace("OyO Rooms","Oyo",inplace=True)
ans['StartupName'].replace("Ola Cabs","Ola",inplace=True)
ans['StartupName'].replace("Olacabs","Ola",inplace=True)
ans['StartupName'].replace("Flipkart.com","Flipkart",inplace=True)
ans['StartupName'].replace("FlipKart","Flipkart",inplace=True)
ans['StartupName'].replace("Paytm Marketplace","Paytm",inplace=True)
ans['InvestmentType']=ans['InvestmentType'].replace("SeedFunding","Seed Funding"
)
ans['InvestmentType']=ans['InvestmentType'].replace("PrivateEquity","Private Equ
ity")
ans['InvestmentType']=ans['InvestmentType'].replace("Crowd funding","Crowd Fundi
ng")
# ans["InvestorsName"].dropna(inplace=True)
# ans["StartupName"].dropna(inplace=True)
investmenttype=ans["InvestmentType"]
invest_type=[]
startup=ans["StartupName"]
investor=ans["InvestorsName"]
dictt={}
biglist=[]
startupli=[]
for i in range(len(investor)):
    value=str(investor[i])
#     if value=="nan":
#         continue
    templi=value.split(",")
    newlist=[]
    for i in range(len(templi)):
        newvalue=templi[i].strip(" ")
        newlist.append(newvalue)
    biglist.append(newlist)
biglist
for i in range(len(startup)):
    value=str(startup[i])
    startupli.append(value)
for i in range(len(investmenttype)):
    value=str(investmenttype[i])
    invest_type.append(value)
for i in range(len(biglist)):
    li=biglist[i]
    for j in range(len(li)):
        temp=li[j]
        if temp in dictt:
            checkli=dictt[temp]
            if startupli[i] in checkli:
                continue
            if invest_type[i]=="Private Equity":
                dictt.setdefault(temp, []).append(startupli[i])
        else:
            if invest_type[i]=="Private Equity":
                dictt.setdefault(temp, []).append(startupli[i])
ansli=[]
```

```
for row in dictt:
    length=len(dictt[row])
    li=[row,length]
    ansli.append(li)
g=sorted(ansli,key=lambda x: x[1],reverse=True)
g
investorname=[]
investment=[]
count=0
for i in range(len(invest_type)):
    if g[i][0]=="":
        continue
    if g[i][0]=="Undisclosed Investors" or g[i][0]=="Undisclosed investors":
        continue
    count+=1
    print(g[i][0],g[i][1])
    investorname.append(g[i][0])
    investment.append(g[i][1])
    if count==5:
        break
```

```
Sequoia Capital 46
Accel Partners 42
Kalaari Capital 35
Blume Ventures 27
SAIF Partners 23
```

ANSWERS

1) Sequoia Capital 46

2) Accel Partners 42

3) Kalaari Capital 35

4) Blume Ventures 27

5) SAIF Partners 23

JUSTIFICATION

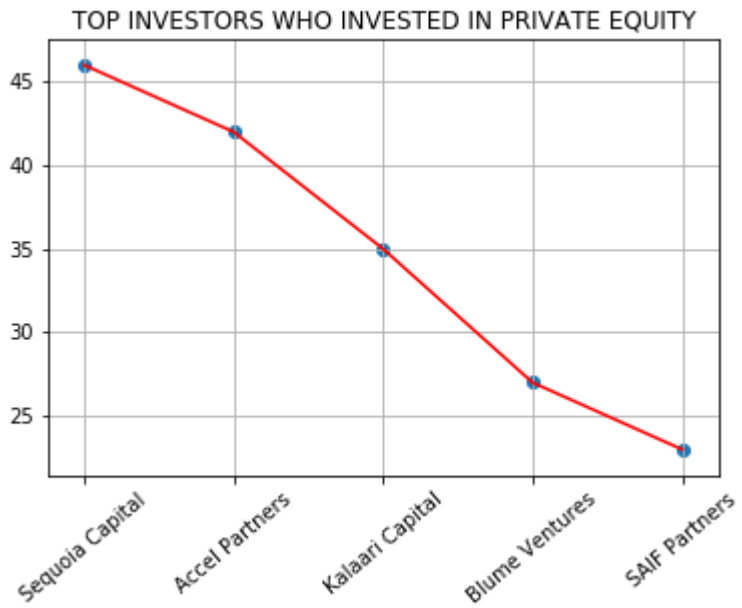
Here we were Supoose to find the Top Investors who have invested in different companies but there invetment type was "Private Equity" 1) First I made different lists of Invetors names, Startup names, Investment types. 2) Then I dictionary keeping investor name as key and in the value i kept a list of all the different Startup investor invested in and its investment type was "Private Equity"

In [17]:

```
plt.plot(investorname,investment,color="red")
plt.scatter(investorname,investment)
plt.xticks(rotation=40)
plt.grid()
plt.title("TOP INVESTORS WHO INVESTED IN PRIVATE EQUITY")
plt.show
```

Out[17]:

```
<function matplotlib.pyplot.show(*args, **kw)>
```



In [ ]: