Solution for the Python Assessment on May15th :

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class Professor:
  def __init__(self,pid,pname,psubjectsDict):
    self.profId=pid
    self.profName=pname
    self.subjectsDict=psubjectsDict
class University:
  def getTotalExperience(self,proflist,profid):
    tot=0
    for p in proflist:
      if p.profId==profid:
        for yoe in p.subjectsDict.values():
          tot=tot+yoe
    return tot

  def selectSeniorProfessorBySubject(self,proflist,subject):
      hexp=0
      hprof=None
      for p in proflist:
          for subj,exp in p.subjectsDict.items():
              if subj.lower()==subject.lower():
                  if exp>hexp:
                      hexp=exp
                      hprof=p
      return hprof




if __name__=='__main__':
  n=int(input())
  univ=University()
  profs=[]
  for i in range(n):
    subjectsDict={}
    pid=int(input())
    pname=input()
```

```
  nos=int(input())
  subjectsDict={}
  for j in range(nos):
    sname=input()
    yoe=int(input())
    subjectsDict[sname]=yoe
  P=Professor(pid,pname,subjectsDict)
  profs.append(P)

profid=int(input())
subjct=input()
print(univ.getTotalExperience(profs,profid))
professor=univ.selectSeniorProfessorBySubject(profs,subjct)
if professor==None:
  print("No Professor")
else:
  print(professor.profId,professor.profName,professor.subjectsDict)
```