```
Encapsulation?
a Ethe major reason . Hor using I -
the main thing that we want from bank I bank application
is security.
 In python there are no access modifiers.
 Class Demo:
                                               Clas Donos
       0=10
       def mi(self):
           pant ("m1")
                                     · 19/4. 1/1 / 196
 0 = Demo()
 OMI()
                                          Tanget Land 125
 print (o.a)
                                       */ Heism ph
0/p:- m1
     10
                                  Comedia : ing
 Glass Demo:
                                                 1 Would B
       --- a =10
       def mi(self):
            print ("mi")
 0=Demo()
 0.m1()
 print (o. _a)
 offer militarie, admin y is all horizon
     Error
  using -- we can make that variable as private
```

modifier

```
Class Derno:
      --a=10
      def _mi(self):
         print("mi")
  0 = Demol)
  0.__m(()
  print (0. __a)
 Olps- Error
 alass Demo:
      -- a=10
     def -- mi(self):
         brut ("mi")
Class Demol (Demo)
     det ma (self):
        Print ("Demol")
0=Demoll)
print (o. -a)
Olpe Error
```

Note : -- is double underscare

We can also make method as a private method.

alass Demo! had some all the pool of the wife __a=10 def _m(self): print (Demo--a) hadtandantedens :/ stellaluctor leb 0=Demo() 00e_mil) print (0 ._ - a) : (cmo()) A 20/0 Olpt Koror will be displayed to the holder tob (10°07° 3000 73°) 1989 Class Demo: closes B(Dono): -a=10 : (0) the statuston take def -- milself): print (Demo--a) def ma(self): self. __mi() (or) Holical o 0=Demo() 0·m2() Clp: Sapare LOU Olp: 10 Abstraction ? In Simple level we can say abstraction means hiding It is also an Example for Security ** Is at possible create a object for abstract clay? [Enterview Question] No, in abstract class there will be no proper implementation So the Cannot Create a object.

```
Exe-
                                                           abc import ABC, abstractmented
                                                                                                                                                                                                                         1(1/05)/m__ lob /
                                                                Demo(ABC):
                        Class
                                                              abstractmethod
                                                             def calculate(self)?
                                                                                                                                                                                                                                                                                                                            ()Im Dec
                                                                                      pass
                     class A (Demo):
                                                       def calculate (self, a):
                                                                                  Point ("square", a "a)
                        class B(Demo):
                                                          def Calculate (self, a):
                                                                                     print ("cube", a a a a a)
                           0-A()
                          P=B()
                         O. Calculate (10)
                        P. Calculate (10)
                  Olpe Square 100
                                                    Cube 1000.
                      the first well with the same of the same o
```

in other several their months

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