



```
13) class Y(B,C):
14)     def m1(self):
15)         print('Y class Method')
16) class P(X,Y,C):
17)     def m1(self):
18)         print('P class Method')
19) p=P()
20) p.m1()
```

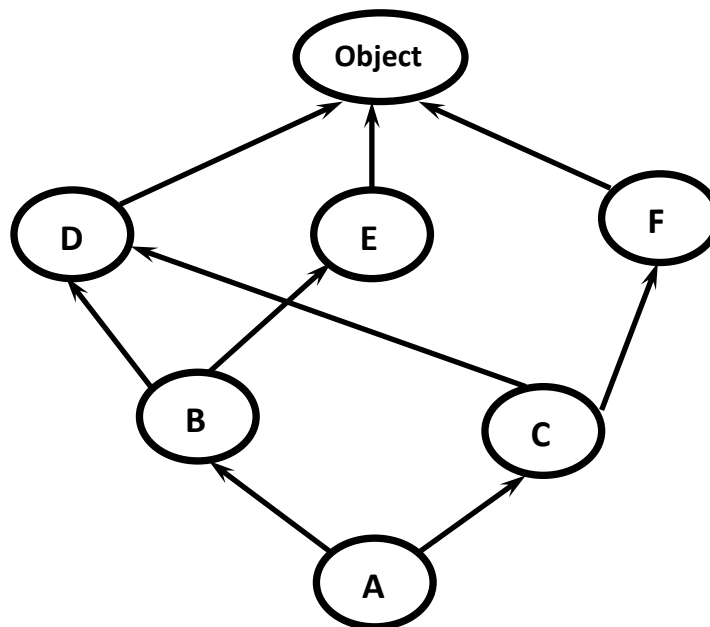
Output:

P class Method

In the above example P class m1() method will be considered. If P class does not contain m1() method then as per MRO, X class method will be considered. If X class does not contain then A class method will be considered and this process will be continued.

The method resolution in the following order:PXAYBCO

Demo Program-3 for Method Resolution Order:



```
mro(o)=object
mro(D)=D,object
mro(E)=E,object
mro(F)=F,object
mro(B)=B,D,E,object
mro(C)=C,D,F,object
mro(A)=A+Merge(mro(B),mro(C),BC)
      =A+Merge(BDEO,CDFO,BC)
      =A+B+Merge(DEO,CDFO,C)
      =A+B+C+Merge(DEO,DFO)
      =A+B+C+D+Merge(E,O,FO)
      =A+B+C+D+E+Merge(O,FO)
      =A+B+C+D+E+F+Merge(O,O)
      =A+B+C+D+E+F+O
```