Derived Classes - Defaut Values.

```
Transportation:
           def -- mit -- (self, name, speed = 75)
                 Self. name = name
                 self. speed = speed
           def info (self):
                 print (f'{self.vame} com 9°
                                    { self. speed 3 mph')
There are many modes it transportation ->
      ntorise vehides, solf-power vehides, etc. flight vehides, water vehides, etc.
            Motorized Vehide (Transport Mode):
             det _ init _ - (self, name, speed = 80; mog = 4
                  Transport Mode. -- init -- (Sof,
                                             namo, spad)
                   self. mpg = mpg
                   self. fuel-gal = $\P$
                    add-frel (Self, amoret):
```

```
self.fuel-gck += amount
                 drive (Self, distaure):
                 required-fuel = distance/self. 49
                 if self. fuel-gal & required-fid:

pront (1 Not enough fiel)

11.
                        self. fuci-gal -= reguird-tra
                        print (f'{self.fnd-gol3
gablens remains.)
-> Of course, There are many bestes
of motor vehicles. Let's choose one.
          MotorCycle (MotorizeeVehide):
            det -- init -- (self, name, speed = 55,):
                   Motorized Vehicle. - - mit -- (self,
                                        nane, speed jupg!
           def wheelie (self):
                  print ("That's dangerors!")
```

D) we can now write a main program armel this.

Scooter = Motor Cycle ('Vespa', 55, 40) dirtbibe = Motor Cycle ('KX450F', 80, 25)

Scooter. infol) dirtbite.infol)

et.

harley = MotorCycle ('Hawley Dardson')

harley . info()

print (harley . mpg)

print (harley . fuel-gal)

Note: harley will get instantional with the defaut values of the Motor Cycle Class!

generic = Motorized Vehicle ('People Cervisa')

generic : Info ()

print (generic mpg)

print (generic fuel -gal)