**class** School:  
 no\_of\_leaves = 8  
  
 **def** \_\_init\_\_(self, name, standard, faculty): *# \_\_init\_\_ is a constructor which takes arguments of class using def* self.Name = name  
 self.Standard = standard  
 self.Faculty = faculty  
  
 **def** printdetails(self): *# class method* **return f'Name is {**self.Name**}. Standard is {**self.Standard**} and Faculty is {**self.Faculty**}. '** @classmethod *# class method sirf class k instance variables ko access kar sakta ha* **def** change\_leaves(cls, newleaves):  
 cls.no\_of\_leaves = newleaves  
*# class method is liya use kiya taka ya class ko as a input la na k self ko  
  
 # ---------------------- Class method as Alternative ------------------- #* @classmethod  
 **def** from\_dash(cls, string):  
 *# params = string.split('-')  
 # return cls(params[0], params[1], params[2])  
 # opar wali do lines ko 1 line ma kasa likha* **return** cls(\*string.split(**'-'**))  
  
  
hamza = School(**'Hamza Rehman'**, 11, **'Pre-Engineering'**)  
zulqarnain = School(**'Zulfiqarnian Haider'**, 11, **'Pre-Medical'**)  
sherry = School.from\_dash(**'Sheheryar Ahmed Khan-University-Data Science'**)  
**'''  
Ab ham na 'sherry' instance ko aik Alternative constructor ki tarha istimal kar diya ab ham is ma sirf aik string pass  
karain ga baki k process ya given method k zariya kara ga  
'''**print(sherry.Faculty)