

In [2]:

```
class Person:
    # Write your code here
    pass

class Student(Person):
    # Class Constructor
    #
    # Parameters:
    # firstName - A string denoting the Person's first name.
    # lastName - A string denoting the Person's last name.
    # id - An integer denoting the Person's ID number.
    # scores - An array of integers denoting the Person's test scores.
    #
    # Write your constructor here
    def __init__(self,firstName, lastName, idNum, scores):
        self.firstName=firstName
        self.lastName=lastName
        self.idNum=idNum
        self.scores=sum(scores)/len(scores)

    # Function Name: calculate
    def calculate(self):
        if self.scores>=90 and self.scores<=100:
            return 'O'
        elif self.scores>=80 and self.scores<90:
            return 'E'
        elif self.scores>=70 and self.scores<80:
            return 'A'
        elif self.scores>=55 and self.scores<70:
            return 'P'
        elif self.scores>=40 and self.scores<55:
            return 'D'
        elif self.scores<40:
            return 'T'

    # Return: A character denoting the grade.
    #
    # Write your function here
    def printPerson(self):
        print(f"Name: {self.lastName}, {self.firstName}")
        print(f"ID: {self.idNum}")

line = input().split()
firstName = line[0]
lastName = line[1]
idNum = line[2]
numScores = int(input()) # not needed for Python
scores = list( map(int, input().split()) )
s = Student(firstName, lastName, idNum, scores)
s.printPerson()
print("Grade:", s.calculate())
```

Heraldo Memelli 8135627  
2  
100  
Name: Memelli, Herald  
ID: 8135627  
Grade: O

In [ ]:

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