222-15-6210

```python
class Student_managemnet:
  name = str()
  id = int()
  email = str()

  def get_student_info(self):
    print('This is Student info')

  def course_information(self):
    print('This is course information')

  def result(self):
    print('This is result')

class Administration:
  __accounts = int()
  def get_student_info(self):
    print('This is Student info')

  def exam_info(self):
    print('This is exam info')

  def account_ledge(self):
    print('This is account ledge')


class Exam_controller(Administration):
  _cgpa = int()
  __duration = float()

  def __result(self,cgpa):
    if cgpa > 3.5:
      print(f'Tution fee 20%')
    elif cgpa > 3.75:
      print('Tution fee 25%')
  def get_result(self,cgpa):
    self.__result(cgpa)

class Student_information(Administration):
  others_information = str()
  get_others_information = str()

  def get_student_info(self):
    print('This is Student info in student_information')

  def course_taken(self):
    print('This is course taken')

  def eenvironment_record(self):
    print('This is environment record')

c1 = Student_managemnet()
c2 = Student_information()
c3 = Exam_controller()

c3.get_result(5.00)
c1.get_student_info()
c2.get_student_info()
c3.get_student_info()
```

```
Tution fee 20%
This is Student info
This is Student info in student_information
This is Student info
```

```python
number = 22
divider = 0

try:
  result = number/divider
  print(result)
except ZeroDivisionError:
  print("You can't divide by zero")
```

    You can't divide by zero

```python
import numpy as np
l=0
# arr = np.array([[l for i in range[0,4] if (l+=1)>=1] for j in range(0,3)])
k=int()
arr = np.array([[1,2,3,4],[5,6,7,8],[9,10,11,12]])
print(f'Shape: {np.diag(arr)}')
print(f'Shape: {np.diag(arr,k=1)}')
print(f'Shape: {np.diag(arr,k=-1)}')
print(np.resize(arr,(4,3)))
print(f'Mean : {np.mean(arr[:,2:5])}')
print(f'Mean : {np.max(arr[:,2:5])}')
print(f'Mean : {np.var(arr[:,2:5])}')
```

    Shape: [1 6 11]
    Shape: [2 7 12]
    Shape: [5 10]
    [[1 2 3]
     [4 5 6]
     [7 8 9]
     [10 11 12]]
    Mean : 7.5
    Mean : 12
    Mean : 10.916666666666666