In [ ]:

```python
class student:
    def quizcalc(self, name, num1,num2, num3):
        self.num1 = num1
        self.num2 = num2
        self.name = name
        self.num3 = num3

        if num1 != None and num2 != None and num3 != None:
            (num1+num2+num3)/2
        elif num1 != None and num2 != None:


    def printdetail(self):




s1 = student()
s1.quizcalc(10)
s1.printdetail()
print('--------')
s2 = student('Harry')
s2.quizcalc(10, 8)
s2.printdetail()
print('--------')
s3 = student('Hermione')
s3.quizcalc(10, 9, 10)
s3.printdetail()
```