

## H07 example

Guitarist
family_name: string first_name: string __idNum: int <u>nextIdNum: int</u>
__init__(familyName: string, firstName: string) getIdNum(): int __str__(): string __eq__(other: Guitarist): boolean

```
class Guitarist:

    nextIdNum = 0

    def __init__(self, familyName, firstName):
        self.family_name = familyName
        self.first_name = firstName
        self.__idNum = Guitarist.nextIdNum
        Guitarist.nextIdNum += 1

    def getIdNum(self):
        return self.__idNum

    def __str__(self):
        return "Guitarist {} {}".format(
            self.first_name, self.family_name)

    def __eq__(self, other):
        return self.idNum == other.getIdNum()
```