

Login to matrix and create a file called "quiz5.txt".

Answer the following questions and when done enter the following command:

~fardad.soleimanloo/submit oopq5<ENTER>

Having:

```
#include <iostream>
using namespace std;
class Employee {
    int m_empNo;
protected:
    void setEmpNo(int empNo);
    int getEmpNo()const;
public:
    Employee(int empNo);
    virtual ostream& print(ostream& os)const=0;
};
```

Having:

- 1- Overload operator<< so an Employee is printable using cout (use print method):
- 2- Inherit Employee to a Student so a student can be hired for summer jobs at school.  
A Student has an additional attribute called int m\_studentNo;  
The student constructor accepts two arguments as empNo and studentNo ; this constructor sets the attributes of class to the corresponding arguments.
- 3- Override the pure virtual print method of Employee in the student to print the student number and employee number in one line.
- 4- What needs to be done for the Student class to be printed using operator<< and cout in addition of Question number 3.