ET-580 - Polymorphism & Virtual Functions - Homework

Reading

Chapter 16 Templates

Implementation

```
1. Implement the following:
 Given the following main function and example output:
 int main() {
    cout << endl;</pre>
    Person **p = new Person*[4];
   p[0] = new Student("Jake", 1010);
   p[1] = new Student("Kim", 4364);
    p[2] = new Employee("Charles", "Penn. Tester");
   p[3] = new Employee("Sara", "Web Developer");
    for(int i=0; i<5; ++i) {
          p[i]->output();
    cout << endl;</pre>
    return 0;
 Example Output
 Jake 1010
 Kim 4364
 Charles Penn. Tester
 Sara Web Developer
 a. Implement the abstract class Person and derived classes
    Student and Employee.
    Person has a data member name.
    Student has a data member id.
    Employee has a data member job.
b. Your class implementation should ensure that the output matches
    the polymorphic example output without changing the main function.
```