**EECE 330 Assignment 1, Inheritance, virtual functions, and templates**

Write a pure virtual class Person which has a name (string) and an age (int). You cannot instantiate from it.

Derive from it two classes: Teacher which has a salary(int) and Student which has a grade (char) and fees (double). Provide constructors with parameters and readers and writers for these two classes. Also provide a virtual function print for each.

Write a main program which declares an array of pointers (size 4) to person. Write a loop to choose a Teacher or Student object (t or T for teacher, s or S for student otherwise display wrong choice), and then read the required parameters.

Finally, pass the array to a template sort function to sort records in ascending order according to name.