src/CollegePerson.cpp

```cpp
1  // Title  : CollegePerson.cpp
2  // Desc   : Implementation of CollegePerson class
3  // Name   : An Tran
4
5  #include "CollegePerson.h"
6
7  // constructor
8  CollegePerson::CollegePerson() : CollegePerson("", 0, "", "", 0) {};
9
10 CollegePerson::CollegePerson(string newName, int newAge, string newUniv, string
   newCollege, int newId)
11     : Person(newName, newAge), university(newUniv), college(newCollege), id(newId) {};
12
13 // getter
14 string CollegePerson::getUniv() {
15     return university;
16 };
17
18 string CollegePerson::getCollege() {
19     return college;
20 };
21
22 int CollegePerson::getID() {
23     return id;
24 };
25
26 float CollegePerson::getEarned() {
27     return earned;
28 };
29
30 float CollegePerson::getTotal() {
31     return total;
32 };
33
34 float CollegePerson::getGrade() {
35     return grade;
36 };
37
38 float CollegePerson::getgpa() {
39     return gpa;
40 };
41
42 string CollegePerson::getLetterGrade() {
43     return letterGrade;
44 };
45
46 // setter
47 void CollegePerson::setUniv(string newUniv) {
48     university = newUniv;
49 };
50
51 void CollegePerson::setCollege(string newCollege) {
52     college = newCollege;
```

```cpp
53  };
54
55  void CollegePerson::setID(int newID) {
56      id = newID;
57  };
58
59  void CollegePerson::setEarned(float newEarned) {
60      earned = newEarned;
61  };
62
63  void CollegePerson::setTotal(float newTotal) {
64      total = newTotal;
65  };
66
67  void CollegePerson::setGrade(float newGrade) {
68      grade = newGrade;
69  };
70
71  void CollegePerson::setgpa(float newgpa) {
72      gpa = newgpa;
73  };
74
75  void CollegePerson::setLetterGrade(string newLetterGrade) {
76      letterGrade = newLetterGrade;
77  };
78
```