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| **C++ Programming** | **Student**  **number** | **21600193** |
| **Homework 5** | **Name** | Kim, Hyo Rim |

**Comment**

1. constructor : The constructor accesses each private variable and stores the parameter value.

2. get function : The get function returns the specified value of the class's private variable.

3. set function : The set function accesses each private variable and stores the specified parameter value.

4. print : Prints the specified private value of class according to the form. The Team output prints all team members.

**Code**

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| HW5\_21600193\_KimHyoRim.cpp |
| #include<iostream>  #include <string>  using namespace std;  class People {  private:  string name;  string stuNo;  public:  People(){ }  People(string name, string stuNo) {    this->name = name;  this->stuNo = stuNo;  }  void setName(string name) {  this->name = name;  }  void setStuNo(string stuNo) {    this->stuNo = stuNo;  }  string getName() {  return this->name;  }  string getStuNo() {  return this->stuNo;  }  void print() {  cout << "My name is " << this->name << " Stu no is " << this->stuNo << endl ;  }  };  class Team {  private:  string name;  People member[30];  int cnt=0;  public:    Team(){ }  Team(string \_name) {  this->name = \_name;  }  void addMember(People people) {    if(cnt > 29) {    cout <<"full";  } else {  this->member[cnt] = people;    this->cnt++;  }    }  void printMember() {  for(int i =0; i< this->cnt; i++)  cout << "RC\_Team's Member name is " << this->member[i].getName()<< endl;  }  };  int main() {  Team\* team1 = new Team("RC\_Team");  People p1("Gildong", "21800123");  p1.print(); // print : My name is Gildong stu no is 21800123  p1.setName("Handong"); //your name  p1.setStuNo("21x00xxx"); //your student number  p1.print(); // change to your name Gildong -> (your name), (21800123 -> 21x00xxx)  // print : My name is (Your name) Stu no is 21x00xxx  team1 ->addMember(p1);  team1 -> printMember(); // print : RC\_Team's Member name is (Your name)  } |

**Result**

