

Computer Science I

CMPE/CSCI 1370 - 01

Constructors

```
class Course {  
    public:  
        string code;  
        string number;  
        string title;  
        int hours;  
  
    Course(string a_code, string a_number, string a_title, int a_hours) {  
        code = a_code;  
        number = a_number;  
        title = a_title;  
  
        if (a_hours > 0) {  
            hours = a_hours;  
        } else {  
            hours = 0;  
        }  
    }  
}
```

Which of these are valid constructor headers for Time (with members hour, min):

A. `void Time(int a_hour, int a_min)`

B. `Time(int hour, int min)`

C. `bool Time(int a_hour, int a_min)`

D. `Time(int a_hour, int a_min)`

E. More than one of the above

Given the previous constructor, which of these are valid ways to create an instance of Time?

A. `Time t1 = Time(9, 20);`

B. `Time(9, 20) t1;`

C. `Time t1(9, 20);`

D. `Time t1 = {9, 20};`

E. More than one of the above

Assume that Time has a member function `period`, and `t1` is an instance of Time. Which are correct function calls for `period`?

A. `period(t1)`

B. `t1.period()`

C. `t1.period`

D. `t1.period(Time)`

E. More than one of the above

In-class exercises!

Attendance!

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