

Assignment for Crash Course (Day-2)

Question-1

Overload + operator of date class to increment date

```
class date{  
    int day;  
    int month;  
    int year;  
  
    all processing goes here  
};
```

Question-2

Consider an example of book shop which sells books and video tapes. These two classes are inherited from base class Media. The Media class has data members like title and publication. The Book class has no_of_page and Tape class has playing_time. Each class will have member functions read() and show(). In the base class these functions have to be defined as virtual functions. Write a program which model class hierarchy for book shop and process objects of these classes using pointer to base class.

Question-3

WAP to count number of objects made so far and still live (use constructor and destructor)