



## C++ Assignment No. 1

1) Write a class to find volume of a Cylinder by using following members.

Class: Cylinder

- height : double
- radius : double
- volume : double

Note : (volume of Cylinder =  $3.14 * \text{radius} * \text{radius} * \text{height}$ )

Member functions :

- + Cylinder( void )
- + Cylinder( height : const double, radius : const double )
- + setHeight( height : const double ) : void
- + setRadius( radius : const double ) : void
- + calculateVolume( void ) : void
- + getVolume( void ) : double

2) Modify the Date class to add number of days and to return day of week.

class Date

{

private:

int day;  
int month;  
int year;

public:

void initDate();  
void acceptRecord();  
void printRecord();  
void addNumberOfDays( int count );  
string dayOfWeek();

};