Student(std::string,       
   std::string, std::string,  
  College, DateOfBirth)      
 + getCourse(): std::string

+ setCourse(std::string)     
 + getGPA(): double           
 + calculateGPA(): void       
 + addMarks(std::vector<int>)  
 + updateCGPA(): void         
 + updateSemester(): void     
 + getAge(int, int, int): int

+name:std::string

+regnumber:std::string

-course:std::string

-marks:std::vector, <int>

-GPA:double

-GPA:double

-semester:int

-college:College

-dob:DateofBirth

student

+Dateofbirth(int,int,int)

+calculateAge(int,int,int):int

Day:int

Month:int

Year:int

year

MONTH

YEAR

-COLLEGE\_NAME:std::string

- (COLLEGE\_LOCATION:std:: string

+getname():std::string

+getlocation():std::string

College

Dateofbirth

1..\*