Day4 Lab Assignment:

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1- Class date: (Date more than Date) d2 = 9/5/2023 , d3 = 2/4/1990

re-write The same "date class" from previous assignment, with applying operator overloading for:

date operator+(date); //d1=d2+d3;

date operator-(date); //d1=d2-d3;

date operator+(int); //d1=d2+10;

date operator=(date); //d1=d2;

int operator==(date); //if(d1==d2);

int operator [] (char ch); //int day=d1['d']; //int month=d1['m']; //int year=d1['y'];

2-Class Numerator and Denominator

+ , - , ++   
== , =

[]

Bonus

Class Student {id , name , email , grades [] } , print() totalgrade() generate() => UserName and Password

S1(object student) + S2(object student) (total grade s1 + total grade s2)

S1(object student) == S2(object student) (user name and password s1 , user name and password s2)