## 6.3) Develop a case study on Overloading Operators and Overloading Functions.

#include<iostream>

using namespace std;

class date

{

private:

int dd,mm,yy;

public:

void setdate()

{

cout<<"enter day month and year"<<endl;

cin>>dd>>mm>>yy;

}

void show()

{

cout<<dd<<"-"<<mm<<"-"<<yy<<endl;

}

void operator ++()

{

dd++;

if(mm==1||mm==3||mm==5||mm==7||mm==8||mm==10||mm==12)

{

if(dd>31)

{

dd=1;

mm++;

if(mm>12)

mm=1;

yy++;

}

}

else if(mm==4||mm==6||mm==9||mm==11)

{

if(dd>30)

{

dd=1;

mm++;

}

}

else

{

if((yy%4==0&&yy%100!=0)||yy%400==0)

{

if(dd>29)

{

dd=1;

mm++;

}

}

else

{

if(dd>28)

{

dd=1;

mm++;

}

}

}

}

};

int main()

{

date d;

d.setdate();

cout<<"current date";

d.show();

++d;

d.show();

return 0;

}

## Output:

