#include<iostream> #include<string>

using namespace std; string monthNames(int n) {

switch(n)

{

case 1:

return "Jaunary";

case 2:

return "Febrary";

case 3:

return "March";

case 4:

return "Apirl";

case 5:

return "May"; case 6:

return "June";

case 7:

return "July"; case 8:

return "August"; case 9:

return "September"; case 10:

return "October";

case 11:

return "Nevember"; case 12:

return "December";

}

}

class Date

{

private:

int month,day,year; public:

Date(int,int,int);

void setMonth( int);

void setDay(int);

void setYear(int);

void setDate();

int getMonth();

int getDay(); int getYear();

}；

Date :: Date(int m ,int d ,int y) {

month=m;

day= d;

year= y;

}

void Date :: setMonth(int m)

{

month = m;

}

void Date :: setDay(int d)

{

day = d;

}

void Date :: setYear(int y)

{ year =y;

}

void Date :: setDate()

{

cout« month « "/"« day « 7" «

year«endl;

cout «monthNames(month)«""« day «"," « year«endl;

cout <<day«""« monthNames(month)« ","« year« endl;

}

int Date :: getMonth()

{

return month;

}

int Date :: getDay()

{

return day;

}

int Date :: getYear()

{

return year;

}

int main()

{

Date xyz(1,1 ,1997);

int a, b, c;

cout« "Enter day:";

cin» a;

cout« endl;

cout« "Enter month:";

cin» b;

cout« endl;

cout «"Enter year:";

cin» c;

cout« endl;

xyz.setDay(a);

xyz.setMonth(b);

xyz.setYear(c);

if(a<1 ||a >31 && b<1 || b>12)

{

cout«"Eorror!"«endl;

cout« " Eorror! Day can only be between 1 -31 "«endl; cout«" Eorror! Month can only be between 1-12"«endl; }

else

{

xyz.setDate();

}

return 0;

}