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//Question 1:PART 2

#include<iostream>
#include<string>
#include<iomanip>

using namespace std;

int main()//date conversion with using string class
{
    string date, month, year;
    cout<<"\n\nEnter a date in MM/DD/YY format: "; cin>>date;

    //program checks out the first two digits of the string
    //to find the month by using substring
    if(date.substr(0,2)== "01") month = "January";
    else if(date.substr(0,2)== "02") month = "February";
    else if(date.substr(0,2)== "03") month = "March";
    else if(date.substr(0,2)== "04") month = "April";
    else if(date.substr(0,2)== "05") month = "May";
    else if(date.substr(0,2)== "06") month = "June";
    else if(date.substr(0,2)== "07") month = "July";
    else if(date.substr(0,2)== "08") month = "August";
    else if(date.substr(0,2)== "09") month = "September";
    else if(date.substr(0,2)== "10") month = "October";
    else if(date.substr(0,2)== "11") month = "November";
    else if(date.substr(0,2)== "12") month = "December";
    else month = "ERROR";

    //Program analyzes the year. If the last digits are greater then 12
    then
        //it assumes that the date belongs to 20th century
        int first = date[6] - '0';
        int second = date[7]-'0';
        if((first>1) && (second>2)) year= "19";
        else year = "20";

    cout<<"\n\n"<<month<<" "<<date.substr(3,2)<<"\n",
    "<<year<<date.substr(6,2)<<endl;

    system("pause");
    return 0;
}

```

Enter a date in MM/DD/YY format: 01/12/87

January 12, 1987

Press any key to continue . . .