**Practical no.-**14

**Program no.-** 03

**Title:** Program to accept & display 5 birthdates using pointer to array of object

**Roll No.:** 76 **Batch-** C

**Code:**

#include<iostream>

using namespace std;

class birthday //class

{

private:

int day,month,year; //data members

public:

void get\_date(void) //Member function-1

{

cout<<"Enter Birthdate:";

cin>>day>>month>>year;

}

void put\_date(void) //Member function-2

{

cout<<day<<"-"<<month<<"-"<<year<<endl;

}

}; //end of class

//main function

int main()

{

birthday DOB[5]; //create object

birthday \*ptr; //pointer variable

ptr=&DOB[0]; //Initialize pointer to array of object

int i;

cout<<"\nEnter 5 birthdates:\n";

for(i=0;i<5;++i)

{

(ptr+i)->get\_date(); //member function call-1

}

cout<<"\nBirthdates:\n";

for(i=0;i<5;++i)

{

(ptr+i)->put\_date(); //member function call-2

}

return 0;

}

**Output:**

Enter 5 birthdates:

Enter Birthdate:16 11 2005

Enter Birthdate:17 05 2010

Enter Birthdate:16 02 2001

Enter Birthdate:13 07 1999

Enter Birthdate:10 06 2000

Birthdates:

16-11-2005

17-5-2010

16-2-2001

13-7-1999

10-6-2000

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