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**(EE-434) PROGRAMMING LANGUAGES LAB**

**EXPERIMENT-04**

**OBJECTIVE**

Create a class called 'EMPLOYEE' that has: EMPCODE and EMPNAME as data members, member function getdata( ) to input data member function, display( ) to output data. Write a main function to create EMP, an array of EMPLOYEE objects. Accept and display the details of at least 6 employees.

**PROGRAM CODE**

```
#include <iostream>
#include <conio.h>
using namespace std;

// RUBEEL HUSAIN RIZVI : 20BEE041

class employee
{
    int empcode;
    char empname[50];

public:
    void getdata();
    void display();
};

void employee::getdata()
{
    cout << "Enter employee name: ";
    cin >> empname;
    cout << "Enter employee code: ";
    cin >> empcode;
}

void employee::display()
{
    cout << empname << "\t\t" << empcode;
    cout << " \n";
}
```

```
int main()
{
    int i, j;
    employee emp[8];
    cout << "Enter Employee details\n";
    for (i = 0; i < 8; i++)
    {
        emp[i].getdata();
    }
    cout << "Entered Employee details are\n";
    cout << "Employee name "
         << "\t"
         << "   Employee code   " << endl;
    for (j = 0; j < 8; j++)
    {
        emp[j].display();
    }
    return 0;
}
```

## Terminal Output :

```
Enter Employee details
Enter employee name: Mark
Enter employee code: 25
Enter employee name: Zuckerberg
Enter employee code: 96
Enter employee name: Thiago
Enter employee code: 55
Enter employee name: Lukaku
Enter employee code: 23
Enter employee name: Muller
Enter employee code: 54
Enter employee name: Kante
Enter employee code: 77
Enter employee name: Salah
Enter employee code: 73
Enter employee name: Cavani
Enter employee code: 63
Entered Employee details are
Employee name      Employee code
Mark               25
Zuckerberg        96
Thiago            55
Lukaku            23
Muller            54
Kante             77
Salah             73
Cavani            63
```

## FLOW CHART

