

04 March

Assignment

```
#include <bits/stdc++.h>
using namespace std;
int main()
{
    int n;
    vector<string>Firstname;
    vector<string>lastname;
    vector<int>age;
    int t;
    cout<<"Enter the Number of times you want to perform the operation "<<endl;
    cin>>t;
    while(t--){
        cout<<"Press 1 to Add Employee data "<<endl;
        cout<<"Press 2 Read Employee data "<<endl;
        cout<<"Press 3 Insert Employee data at end "<<endl;
        cout<<"Press 4 Delete Employee data "<<endl;
        cin>>n;
        int num=0;
        switch (n){
            case 1:
                cout<<"Enter the number of Employee you want to enter ";

                cin>>num;
                for(int i=0;i<num;i++)
                {
                    cout<<"Enter Firstname ";
                    string str1[num];
                    cin>>str1[i];
                    Firstname.push_back(str1[i]);

                    cout<<"Enter Last Name ";
                    string str2[num];
                    cin>>str2[i];
                    lastname.push_back(str2[i]);

                    cout<<"Enter the Age ";
                    int ak;
                    cin>>ak;
                    age.push_back(ak);
                    cout<<endl;

                }
                break;

            case 2:
```

```
if(num==0)
{
    cout<<"Empty "<<endl;
}
cout<<"Employee Details are :-";
```

```
for(int i=0;i<Firstname.size();i++)
{
    cout<<Firstname[i]<<" "<<lastname[i]<<age[i]<<endl;
}
```

```
break;
```

case 3:

```
cout<<"Insert the New Employee Data "<<endl;
```

```
    cout<<"Enter Firstname ";
    string str3;
    cin>>str3;
    Firstname.push_back(str3);
```

```
    cout<<"Enter Last Name ";
    string str4;
    cin>>str4;
    lastname.push_back(str4);
```

```
    cout<<"Enter the Age ";
    int ak;
    cin>>ak;
    age.push_back(ak);
    break;
```

case 4:

```
cout<<"Enter the Name of Employee who you want to delete "<<endl;
string newFirstName;
cin>>newFirstName;
for(int i=0;i<age.size();i++)
{
    if(Firstname[i]==newFirstName)
    {
        continue;
    }
    else
    {
```

```

        cout<<Firstname[i]<<" "<<lastname[i]<<" "<<age[i]<<endl;
    }
}
break;

default:
    cout<<"Enter the Valid Key "<<endl;
    break;
}
}
}

```

OUTPUT :

```

Enter the Number of times you want to perform the operation
5
Press 1 to Add Employee data
Press 2 Read Employee data
Press 3 Insert Employee data at end
Press 4 Delete Employee data
1
Enter the number of Employee you want to enter 5
Enter Firstname Abhishek
Enter Last Name Mishra
Enter the Age 21

Enter Firstname RAM
Enter Last Name Singh
Enter the Age 22

Enter Firstname Ravi
Enter Last Name Yadav
Enter the Age 22

Enter Firstname Ak
Enter Last Name fg
Enter the Age 55

Enter Firstname 

```