**PROGRAMS :Write a program to implement a class called Phonebook. It should contain the contact name and contact number and include member functions to initialize the data members (use setter and getter functions). Use an array of object to display contact list.**

**//21co24 ETHAN MENEZES**

#include<iostream>

using namespace std;

class phonebook

{

int contactNumber;

string contactName;

public:

void setContactNumber(int number){

contactNumber=number;

}

void setContactName(string name){

contactName=name;

}

int getContactNumber(){return contactNumber;}

string getContactName(){return contactName;}

};

int main()

{

phonebook contacts[50];

int n,i,tempNumb;

string tempName;

cout<<"Enter the number of contacts you want to enter"<<endl;

cin>>n;

for(i=0;i<n;i++){

cout<<"Enter the name of the contact"<<endl;

cin>>tempName;

cout<<"Enter the number of the contact"<<endl;

cin>>tempNumb;

contacts[i].setContactName(tempName);

contacts[i].setContactNumber(tempNumb);

}

cout<<"Your contacts are\n";

for(i=0;i<n;i++){

cout<<i+1<<".Name:"<<contacts[i].getContactName()<<endl;

cout<<" .Number:"<<contacts[i].getContactNumber()<<endl;

}

return 0;

}

Input:

2

ereh

87963728

mikasa

78979977

Output:

