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#include<iostream>

using namespace std;

void display_menu();

void deposit();

void withdraw();

void new_account();

void loan();


int main(){

    while(true){

        display_menu();

        cout<<endl;

        int choice ;

        cout<<"Enter your choice : ";

        cin>>choice;

        switch(choice){

            case 1:

                deposit();

                break;

            case 2:

                withdraw();

                break;

            case 3:

                new_account();

            case 4:

                loan();

            case 5:

                cout<<"Exiting from bank management system ";
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        break;

    default:
        cout<<"Invalid choice.Please enter valid choice\!";
        break;

    }

}

}

void display_menu(){
    cout<<endl;
    cout<<endl<<"\nWelcome to bank management system\n "<<endl;
    cout<<"Press 1.for cash deposit"<<endl;
    cout<<"Press 2.for cash withdrawal"<<endl;
    cout<<"Press 3. for create new account"<<endl;
    cout<<"Press 4, for borrow loan "<<endl;
    cout<<"Press 5.for Exiting from the bank management system "<<endl;

}

void deposit(){

    int balance,amount;

    cout<<"Enter your previous balance by seeing your account : ";
    cin>>balance;

    cout<<"Enter your amount of deposit : ";
    cin>>amount;

    if(amount>0){
        balance+=amount;
    }
}

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        cout<<"Deposit succesful .Your current Balance is : "<<balance<<endl;
    }

}

void withdraw(){
    int balance,amount;

    cout<<"Enter your current balance by seeing your account : ";
    cin>>balance;

    cout<<"Enter your amount of withdrawal : ";
    cin>>amount;

    if(amount>0){
        balance-=amount;

        cout<<"Withdrawal successful .Now your new balance is : "<<balance<<endl;
    }
}

void new_account(){
    int amount;

    cout<<"In what range do you want to create a account "<<endl;

    cout<<"Enter your amount : ";
    cin>>amount;

    if((amount>0)&&(amount<100000))
        cout<<"Your account will be student account"<<endl;
    else if((amount>100000)&&(amount<1000000))
        cout<<"Your account will be Salary account "<<endl;
    else if((amount>1000000)&&(amount<10000000))
        cout<<"Your account will be Business account "<<endl;

    int a;

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        cout<<endl<<"Do you want debit card and chequebook also "<<endl;
        cout<<"If you want,then press 1.If you don\'t want then press 2 "<<endl;
        cin>>a;
        if(a==1)
            cout<<"Yes"<<endl;
        else
            cout<<"No"<<endl;
    }

    void loan(){
        string a;
        cout<<"For what purpose do you want loan : ";
        cin>>a;
        int amount;
        cout<<"How much do you need for loan : ";
        cin>>amount;
        if((amount>0)&&(amount<500000))
        {
            cout<<"Laon will be in 10 installments"<<endl;
            cout<<"Every installment will be "<<amount/10<<endl;
        }
        else if((amount>500000)&&(amount<5000000))
        {
            cout<<"Loan will be in 20 installments "<<endl;
            cout<<"Every installment will be "<<amount/20<<endl;
        }
        else if((amount>5000000)&&(amount<50000000))
        {
            cout<<"Loan will be in 30 installments "<<endl;
            cout<<"Every installment will be "<<amount/30<<endl;
        }
    }
}

```

}

}