```
------MENU-------

     1.With Replacement
     2.Without Replacement
     3.exit

Enter your choice : 1

          -----With Replacement------
               1.Insert
               2.Display
               3.Search
               4.Main Menu

Enter your choice : 1
Enter number of students : 3

Enter Name of student  num. 1 : saga

Enter Phone number of student  num. 1 : 12


Phone number must be of 10 digits
Enter Phone number of student  num. 1 : 1234567899


Enter Name of student  num. 2 : hash

Enter Phone number of student  num. 2 : 9876543345


Enter Name of student  num. 3 : kanta

Enter Phone number of student  num. 3 : 1234567888


          -----With Replacement------
               1.Insert
               2.Display
               3.Search
               4.Main Menu

Enter your choice : 2
     Name      Phone no.          Chain
------------------------------------------------------------------------
     saga      1234567899              2
     kanta     1234567888             -1
     hash      9876543345             -1
          -----With Replacement------
               1.Insert
               2.Display
               3.Search
               4.Main Menu

Enter your choice : 4
------MENU-------

     1.With Replacement
     2.Without Replacement
     3.exit

Enter your choice : 2
```

```
                -----Without Replacement------
                       1.Insert
                       2.Display
                       3.Search
                       4.Main Menu

Enter your choice : 1
Enter number of students : 10

Enter Name of student  num. 1 : sagar

Enter Phone number of student  num. 1 : 1234567889


Enter Name of student  num. 2 : bara

Enter Phone number of student  num. 2 : 1234565656


Enter Name of student  num. 3 : saja

Enter Phone number of student  num. 3 : 7894561234


Enter Name of student  num. 4 : four

Enter Phone number of student  num. 4 : 4564564658


Enter Name of student  num. 5 : fiv

Enter Phone number of student  num. 5 : 7894523862


Enter Name of student  num. 6 : asda

Enter Phone number of student  num. 6 : 1234567877


Enter Name of student  num. 7 : sev

Enter Phone number of student  num. 7 : 7894561239


Enter Name of student  num. 8 : erathosie

Enter Phone number of student  num. 8 : 4567897875


Enter Name of student  num. 9 : nin

Enter Phone number of student  num. 9 : 5648799845


Enter Name of student  num. 10 : ren

Enter Phone number of student  num. 10 : 1234567899


                -----Without Replacement------
                       1.Insert
```

```
                        2.Display
                        3.Search
                        4.Main Menu

Enter your choice : 2
        Name        Phone no.            Chain
-------------------------------------------------------------------------
         sev      7894561239                  3
         nin      5648799845                 -1
         fiv      7894523862                 -1
         ren      1234567899                 -1
        saja      7894561234                 -1
    erathosie     4567897875                  1
        bara      1234565656                 -1
        asda      1234567877                 -1
        four      4564564658                 -1
       sagar      1234567889                  0
                -----Without Replacement------
                        1.Insert
                        2.Display
                        3.Search
                        4.Main Menu

Enter your choice : 3
Enter a phone number you want to search : 1234567899

Not found
                -----Without Replacement------
                        1.Insert
                        2.Display
                        3.Search
                        4.Main Menu

Enter your choice : 3
Enter a phone number you want to search : 1234567889

Found at 9

                -----Without Replacement------
                        1.Insert
                        2.Display
                        3.Search
                        4.Main Menu

Enter your choice : 4
------MENU-------

     1.With Replacement
     2.Without Replacement
     3.exit

Enter your choice : 1

                -----With Replacement------
                        1.Insert
                        2.Display
                        3.Search
                        4.Main Menu

Enter your choice : 1
Enter number of students : 10
```

```
Enter Name of student  num. 1 : sagar
Enter Phone number of student  num. 1 : 1234567788


Enter Name of student  num. 2 : saa
Enter Phone number of student  num. 2 : 1111111111


Enter Name of student  num. 3 : gag
Enter Phone number of student  num. 3 : 4564564541


Enter Name of student  num. 4 : fv
Enter Phone number of student  num. 4 : 1234564574


Enter Name of student  num. 5 : gig
Enter Phone number of student  num. 5 : 4444444127


Enter Name of student  num. 6 : six
Enter Phone number of student  num. 6 : 4123888888


Enter Name of student  num. 7 : seive
Enter Phone number of student  num. 7 : 1000000009


Enter Name of student  num. 8 : eig
Enter Phone number of student  num. 8 : 4441212121


Enter Name of student  num. 9 : nna
Enter Phone number of student  num. 9 : 1231231249


Enter Name of student  num. 10 : name
Enter Phone number of student  num. 10 : 10101010107
Phone number must be of 10 digits
Enter Phone number of student  num. 10 : 1010101011


            -----With Replacement------
                 1.Insert
                 2.Display
                 3.Search
                 4.Main Menu

Enter your choice : 2
      Name      Phone no.        Chain
----------------------------------------------------------------
```

```
           six      4123888888              -1
           saa      1111111111               2
           gag      4564564541               3
           eig      4441212121               6
            fv      1234564574              -1
           nna      1231231249              -1
          name      1010101011              -1
           gig      4444444127              -1
         sagar      1234567788               0
         seive      1000000009               5
                -----With Replacement------
                     1.Insert
                     2.Display
                     3.Search
                     4.Main Menu

Enter your choice : 3
Enter a phone number you want to search : 11111111111

Not found
                -----With Replacement------
                     1.Insert
                     2.Display
                     3.Search
                     4.Main Menu

Enter your choice : 3
Enter a phone number you want to search : 1111111111

Found at 1
                -----With Replacement------
                     1.Insert
                     2.Display
                     3.Search
                     4.Main Menu

Enter your choice : 4
------MENU-------

     1.With Replacement
     2.Without Replacement
     3.exit

Enter your choice : 3
```