In [1]:

```python
#question 1: perform the following task:
#1. create a class having personal information, hobbies.
#2. create methods that can print these information and hobbies.
#3. create object of your friends and change the parameters accourding to ed
class personal_information():
    def __init__(self, first_name, middle_name, last_name, age, birthday, gr
                    address, phone_number, hobby_one, hobby_two, hobby_three, h
        self.first_name = first_name
        self.middle_name = middle_name
        self.last_name = last_name
        self.age = age
        self.birthday = birthday
        self.grade = grade
        self.institute = institute
        self.mother_name = mother_name
        self.father_name = father_name
        self.address = address
        self.phone_number = phone_number
        self.hobby_one = hobby_one
        self.hobby_two = hobby_two
        self.hobby_three = hobby_three
        self.hobby_four = hobby_four
p1 = personal_information("syeda", "maha", "ali", "19", "15/5/2000", "13", "
                            "munawar ali", "a-156 yousuf plaza fb area block 16
                            "singing", "vlogging", "cooking")
print(p1.first_name)
print(p1.middle_name)
print(p1.last_name)
print(p1.age)
print(p1.birthday)
print(p1.grade)
print(p1.institute)
print(p1.mother_name)
print(p1.father_name)
print(p1.address)
print(p1.phone_number)
print(p1.hobby_one)
print(p1.hobby_two)
print(p1.hobby_three)
print(p1.hobby_four)
print("!!!!!!!!!!!!")
print("my friends")
print("friend 1")
p1 = personal_information("syeda", "beenish", "fatima", "28", "8/2/1992", "g
                            "nishat fatima", "mohammad ali", "a-156 yousuf pla
                            "03353888509", "reading", "drawing", "sketching",
print(p1.first_name)
print(p1.middle_name)
print(p1.last_name)
print(p1.age)
print(p1.birthday)
print(p1.grade)
print(p1.institute)
print(p1.mother_name)
print(p1.father_name)
print(p1.address)
```

```
57  print(p1.phone_number)
58  print(p1.hobby_one)
59  print(p1.hobby_two)
60  print(p1.hobby_three)
61  print(p1.hobby_four)
62  print("!!!!!!!!!!!!!")
63  print("friend 2")
64  p1 = personal_information("syeda", "rida", "fatima", "27", "14/2/1993", "gra
65                           "nishat fatima", "mohammad ali", "a-156 yousuf pla
66                           "03302250701", "reading", "writing", "drawing", "s
67  print(p1.first_name)
68  print(p1.middle_name)
69  print(p1.last_name)
70  print(p1.age)
71  print(p1.birthday)
72  print(p1.grade)
73  print(p1.institute)
74  print(p1.mother_name)
75  print(p1.father_name)
76  print(p1.address)
77  print(p1.phone_number)
78  print(p1.hobby_one)
79  print(p1.hobby_two)
80  print(p1.hobby_three)
81  print(p1.hobby_four)
82  print("!!!!!!!!!!!!!")
83  print("friend 3")
84  p1 = personal_information("syed", "hassan", "ali", "26", "5/9/1994", "gradua
85                           "nishat fatima", "mohammad ali", "a-156 yousuf plaz
86                           "03243407361", "writing", "drawing", "playing", "wa
87  print(p1.first_name)
88  print(p1.middle_name)
89  print(p1.last_name)
90  print(p1.age)
91  print(p1.birthday)
92  print(p1.grade)
93  print(p1.institute)
94  print(p1.mother_name)
95  print(p1.father_name)
96  print(p1.address)
97  print(p1.phone_number)
98  print(p1.hobby_one)
99  print(p1.hobby_two)
100 print(p1.hobby_three)
101 print(p1.hobby_four)
102 print("!!!!!!!!!!!!!")
103 print("!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

```
syeda
maha
ali
19
15/5/2000
13
usman institute of technology
samina munawar
munawar ali
```

```
a-156 yousuf plaza fb area block 16 karachi,pakistan
03152324461
reading
singing
vlogging
cooking
!!!!!!!!!!!
my friends
friend 1
syeda
beenish
fatima
28
8/2/1992
graduated
science and commerce college
nishat fatima
mohammad ali
a-156 yousuf plaza fb area block 16 karachi, pakistan
03353888509
reading
drawing
sketching
cooking
!!!!!!!!!!!!
friend 2
syeda
rida
fatima
27
14/2/1993
graduated
science and commerce college
nishat fatima
mohammad ali
a-156 yousuf plaza fb area block karachi, pakistan
03302250701
reading
writing
drawing
sketching
!!!!!!!!!!!!
friend 3
syed
hassan
ali
26
5/9/1994
graduated
science and commerce college
nishat fatima
mohammad ali
a-156 yousuf plaza fb area block 16 karachi, pakistan
03243407361
writing
drawing
playing
```

```
watching
!!!!!!!!!!!!
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```