


```
In [1]: 1 class student:
2     def __init__(self):
3         self.name=[]
4         self.rollno=[]
5         self.mark1=[]
6         self.mark2=[]
7     def accept(self):
8         name=input("enter the name:")
9         rollno=int(input("enter the rollno:"))
10        mark1=int(input("mark1:"))
11        mark2=int(input("mark2:"))
12        self.name.append(name)
13        self.rollno.append(rollno)
14        self.mark1.append(mark1)
15        self.mark2.append(mark2)
16    def display(self):
17        for i in range(len(self.rollno)):
18            print(f"name:{self.name[i]},rollno:{self.rollno[i]},mark1:{
19
20    def search(self):
21        roll=int(input("enter the rollno you want to search"))
22        if roll in self.rollno:
23            r_indx=self.rollno.index(roll)
24            print(f"name:{self.name[r_indx]},rollno:{self.rollno[r_indx
25        else:
26            print("invalid data")
27
28    def delete(self) :
29        roll=int(input("enter the rollno you want to delete"))
30        if roll in self.rollno:
31            r_indx=self.rollno.index(roll)
32            self.name.pop(r_indx)
33            self.rollno.pop(r_indx)
34            self.mark1.pop(r_indx)
35            self.mark2.pop(r_indx)
36            print("successfully deleted")
37        else:
38            print("invalid data")
39
40    def update(self):
41        old_roll=int(input("enter the rollno you want to change"))
42        if old_roll in self.rollno:
43            r_indx=self.rollno.index(old_roll)
44            new_roll=int(input("enter the new rollno you want to up
45            self.rollno[r_indx]=new_roll
46        else:
47            print('invalid data')
48
49
50 s=student()
51 while True:
52
53     print("please select an option below")
54     print("1.Accept\n2.Display\n3.Search\n4.delete\n5.update")
55     choice=int(input())
56     if(choice==1):
57         s.accept()
58     if(choice==2):
59         s.display()
60     if(choice==3):
61         s.search()
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62         if(choice==4):
63             s.delete()
64         if(choice==5):
65             s.update()
66         if(input("do you want to continue: ")=='yes'):
67             continue
68         else:
69             break
70
71
72
73
74
75
76
```

```
please select an option below
1.Accept
2.Display
3.Search
4.delete
5.update
1
enter the name:anjana
enter the rollno:1
mark1:34
mark2:45
do you want to continue: yes
please select an option below
1.Accept
2.Display
3.Search
4.delete
5.update
1
enter the name:anu
enter the rollno:2
mark1:23
mark2:67
do you want to continue: yes
please select an option below
1.Accept
2.Display
3.Search
4.delete
5.update
2
name:anjana,rollno:1,mark1:34,mark2:45
name:anu,rollno:2,mark1:23,mark2:67
do you want to continue: yes
please select an option below
1.Accept
2.Display
3.Search
4.delete
5.update
3
enter the rollno you want to search2
name:anu,rollno:2,mark1:23,mark2:67
do you want to continue: yes
please select an option below
1.Accept
2.Display
3.Search
4.delete
5.update
4
enter the rollno you want to delete2
successfully deleted
do you want to continue: yes
please select an option below
1.Accept
2.Display
3.Search
4.delete
5.update
2
```

```
name:anjana,rollno:1,mark1:34,mark2:45
do you want to continue: yes
please select an option below
1.Accept
2.Display
3.Search
4.delete
5.update
5
enter the rollno you want to change1
enter the new rollno you want to update2
do you want to continue: yes
please select an option below
1.Accept
2.Display
3.Search
4.delete
5.update
2
name:anjana,rollno:2,mark1:34,mark2:45
do you want to continue: no
```

In [14]:

```
1 self.mark1
```

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-
NameError                                Traceback (most recent call last)
~\AppData\Local\Temp\ipykernel_6560\63185663.py in <module>
----> 1 self.mark1

NameError: name 'self' is not defined
```

In []:

```
1
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