

# student

September 15, 2023

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[ ]: # Create class Student
class Student:

    def __init__(self, name, rollno,section,email):
        self.name = name
        self.rollno = rollno
        self.section= section
        self.email=email

    # Function to create and append new student
    def accept(self, Name, Rollno,section,email):

        ob = Student(Name, Rollno,section,email)
        ls.append(ob)

    # Function to display student details
    def display(self, ob):
        print("Name : ", ob.name)
        print("RollNo : ", ob.rollno)
        print("Section : ", ob.section)
        print("Email : ", ob.email)
        print("\n")

    # Search Function
    def search(self, sname):
        for i in range(ls.__len__()):
            if(ls[i].name == sname):
                print("Student Found")
                return i
            else:
                print("Student not found")

    # Delete Student details
    def delete(self, sname):
        i = obj.search(sname)
        del ls[i]

    # Update Function
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def update(self, sname, Newname):
    i = obj.search(sname)
    sname = Newname
    ls[i].name =sname
    print("name updated succesfully")

# Create list to add Student
ls = []
# create object of class
obj = Student('',0,0,0)

print("\n1.Accept Student details\n2.Display Student Details\n3.Search Details_
↳ of a Student\n4.Delete Details of Student\n5.Update Student Details\n6.Exit")
while(1):
    ch = int(input("Enter choice:"))
    if(ch==1):
        addname = (input("Enter name:"))
        addroll = int(input("Enter rollno:"))
        addsection = (input("Enter section:"))
        addemail = (input("Enter email:"))
        obj.accept(addname, addroll,addsection,addemail)

    elif(ch == 2):
        print("\n")
        print("\nList of Students\n")
        for i in range(ls.__len__()):
            obj.display(ls[i])

    elif(ch==3):
        name = (input("Enter name:"))

        sn=obj.search(name)

    elif(ch == 4):
        dname = (input("Enter name:"))
        obj.delete(dname)
        print("Deleted")

    elif(ch == 5):
        oldname = (input("Enter oldname:"))
        newname = (input("Enter newname:"))
        obj.update(oldname,newname )

    else:

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print("None of above")
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1.Accept Student details
2.Display Student Details
3.Search Details of a Student
4.Delete Details of Student
5.Update Student Details
6.Exit
Enter choice:1
Enter name:kriti
Enter rollno:11
Enter section:r
Enter email:rt.com
Enter choice:5
Enter oldname:kriti
Enter newname:raghav
Student Found
name updated succesfully
Enter choice:2
```

List of Students

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Name : raghav
RollNo : 11
Section : r
Email : rt.com
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