To Do List Application

```python
print("************************* To Do List
*********************************")


d={}
def Add():
    length=int(input("Enter no.of Items you want to add "))
    for i in range(length):
        item=input("Enter Item ")
        d.update({len(d)+1:item})
    print("Items Added Succefully ..........")

# deleting Items
def Delete():
    # When List is Empty
    if len(d)==0:
        print("List is empty")
        return

    dlen=int(input('Enter no.of Items you want to delete '))
    # when no of items are not present in list
    if dlen>len(d):
        print("No of Items Not Present ")
        return

    else:
     while(dlen!=0):
        dno=int(input("Enter Task Number "))
        if dno not in d:
            print('Task Not exist')

        else:
            d.pop(dno)
            dlen-=1
    print("--------------------------Deleted Succefully \U0001F600")



# Display Items
```

```python
def Display():
    print("----------------------Your To Do List-------------------")
    # when list is empty
    if len(d)==0:
        print("**************No Tasks To do \U0001F600")
    for k,v in d.items():
        print(str(k),"-",v,"⬜")


# Menu Programe
def Menu(n):
    if n==1:
        Add()
    elif n==2:
        Delete()
    elif n==3:
        Display()


print("Please Enter your Choice: ")
print('1.Add Items')
print('2.Delete Items')
print('3.Display List')
print('4.Exist')
n=int(input('Enter Choice: '))
while(n!=4):
    Menu(n)
    print('if you want to continue enter choice if not press 4')
    if (n!=4):
        print('1.Add Items')
        print('2.Delete Items')
        print('3.Display List')
    n=int(input("Enter Choice: "))
print("Thank you for Visiting \U0001F600")
```

To Do List Application
Output

Test 1: Menu

```
PS C:\Lavanya_Code\Python_Lectures_Assignments\To_Do_List_Application> python To_Do_List_App.py
*************************** To Do List ***********************************
Please Enter your Choice:
1.Add Items
2.Delete Items
3.Display List
4.Exist
Enter Choice:
```

Test 2: Exist From Menu

```
Please Enter your Choice:
1.Add Items
2.Delete Items
3.Display List
4.Exist
Enter Choice: 4
Thank you for Visiting 😃
PS C:\Lavanya_Code\Python_Lectures_Assignments\To_Do_List_Application>
```

Add Items

Test 1: Add Items

```
1.Add Items
2.Delete Items
3.Display List
4.Exist
Enter Choice: 1
Enter no.of Items you want to add 3
Enter Item yoga
Enter Item meditation
Enter Item cooking
Items Added Succefully .........
if you want to continue enter choice if not press 4
```

Display Items

Test 1: List is empty

```
Please Enter your Choice:
1.Add Items
2.Delete Items
3.Display List
4.Exist
Enter Choice: 3
----------------------Your To Do List------------------
**************No Tasks To do  😬
```

Test 2: List having Items

```
Enter no.of Items you want to add 3
Enter Item wake up at 6
Enter Item meditation
Enter Item yoga
Items Added Succefully ..........
if you want to continue enter choice if not press 4
1.Add Items
2.Delete Items
3.Display List
Enter Choice: 3
----------------------Your To Do List-------------------
1 - wake up at 6  ✅
2 - meditation  ✅
3 - yoga  ✅
if you want to continue enter choice if not press 4
```

Delete Items

Test 1: When no Items in list

```
If you want to continue enter cho
1.Add Items
2.Delete Items
3.Display List
Enter Choice: 2
List is empty
```

Test 2: When no.of Items are not present in list

```
----------------------Your To Do List-------------------
1 - wake up at 6 ✅
2 - meditation ✅
3 - yoga ✅
if you want to continue enter choice if not press 4
1.Add Items
2.Delete Items
3.Display List
Enter Choice: 2
Enter no.of Items you want to delete 6
No of Items Not Present
```

Test 3: When Tasks are not exist

```
1.Add Items
2.Delete Items
3.Display List
Enter Choice: 2
Enter no.of Items you want to delete 2
Enter Task Number 13
Task Not exist
```

Test 4: Deleted succefully

```
Enter Choice: 2
Enter no.of Items you want to delete 2
Enter Task Number 13
Task Not exist
Enter Task Number 1
Enter Task Number 2
-------------------------Deleted Succefully 😃
```