

main.py

Run

Share

```
1 class TODOLIST():
2     global Tasks
3     Tasks=[]
4     global d
5     d=[]
6     def __init__(self,website):
7         self.website=website
8
9     def add(self):
10        a=input("enter task to add:")
11        Tasks.append(a)
12        print("Task added successfully")
13        print(Tasks)
14
15
16    def remove(self):
17        b=input("enter task to remove:")
18        Tasks.remove(b)
19        print("Task removed successfully")
20        print(Tasks)
```

Output

```
TODO LIST MENU:
1.Add a task
2.Remove a task
3.Mark a task as completed
4.Display tasks
5.Exit
enter choice:1
enter task to add:lunch at 2pm
Task added successfully
['lunch at 2pm']
TODO LIST MENU:
1.Add a task
2.Remove a task
3.Mark a task as completed
4.Display tasks
5.Exit
enter choice:1
enter task to add:dinner at 9pm
Task added successfully
['lunch at 2pm', 'dinner at 9pm']
```

```
def remove(self):
    b=input("enter task to remove:")
    Tasks.remove(b)
    print("Task removed successfully")
    print(Tasks)

def mark(self):
    c=input("Enter the task to mark as complete:")
    d.append(c)
    print("Task marked as completed")

def display(self):
    for i,j in enumerate(Tasks,start=1):
        if j in d:
            print(i,j,"- completed")
        else:
            print(i,j,"- not completed")
```

Run

Output

```
enter task to add:dinner at 9pm
Task added successfully
['lunch at 2pm', 'dinner at 9pm']
TODO LIST MENU:
1.Add a task
2.Remove a task
3.Mark a task as completed
4.Display tasks
5.Exit
enter choice:3
Enter the task to mark as complete:lunch at 2pm
Task marked as completed
TODO LIST MENU:
1.Add a task
2.Remove a task
3.Mark a task as completed
4.Display tasks
5.Exit
enter choice:4
1 lunch at 2pm - completed
```

```
def display(self):
    for i,j in enumerate(Tasks,start=1):
        if j in d:
            print(i,j,"- completed")
        else:
            print(i,j,"- not completed")

obj=TODOLIST(["google"])

while True:
    print("TODO LIST MENU:")
    print("1.Add a task")
    print("2.Remove a task")
    print("3.Mark a task as completed")
    print("4.Display tasks")
    print("5.Exit")
```

Output

```
enter task to add:dinner at 9pm
Task added successfully
['lunch at 2pm', 'dinner at 9pm']
TODO LIST MENU:
1.Add a task
2.Remove a task
3.Mark a task as completed
4.Display tasks
5.Exit
enter choice:3
Enter the task to mark as complete:lunch at 2pm
Task marked as completed
TODO LIST MENU:
1.Add a task
2.Remove a task
3.Mark a task as completed
4.Display tasks
5.Exit
enter choice:4
1 lunch at 2pm completed
```

A screenshot of a Python IDE interface. The left pane shows a file named 'main.py' with the following code:

```
43 print("2.Remove a task")
44 print("3.Mark a task as completed")
45 print("4.Display tasks")
46 print("5.Exit")
47 choice=int(input("enter choice:"))
48 if choice==1:
49     obj.add()
50
51 if choice==2:
52     obj.remove()
53
54 if choice==3:
55     obj.mark()
56
57 if choice==4:
58     obj.display()
59
60 if choice==5:
61     break
62
```

The right pane shows the 'Output' window with the following text:

```
enter choice:3
Enter the task to mark as complete:lunch at 2pm
Task marked as completed
TODO LIST MENU:
1.Add a task
2.Remove a task
3.Mark a task as completed
4.Display tasks
5.Exit
enter choice:4
1 lunch at 2pm - completed
2 dinner at 9pm - not completed
TODO LIST MENU:
1.Add a task
2.Remove a task
3.Mark a task as completed
4.Display tasks
5.Exit
enter choice:2
```

The IDE has a dark theme and includes icons for file operations and a Windows taskbar at the bottom.

```
main.py  [Full Screen] [Dark Theme] [Share] [Run] Output

43 print("2.Remove a task")
44 print("3.Mark a task as completed")
45 print("4.Display tasks")
46 print("5.Exit")
47 choice=int(input("enter choice:"))
48 if choice==1:
49     obj.add()
50
51 if choice==2:
52     obj.remove()
53
54 if choice==3:
55     obj.mark()
56
57 if choice==4:
58     obj.display()
59
60 if choice==5:
61     break
62
```

enter task to remove:dinner at 9pm
Task removed successfully
['lunch at 2pm']
TODO LIST MENU:
1.Add a task
2.Remove a task
3.Mark a task as completed
4.Display tasks
5.Exit
enter choice:4
1 lunch at 2pm - completed
TODO LIST MENU:
1.Add a task
2.Remove a task
3.Mark a task as completed
4.Display tasks
5.Exit
enter choice:5
=== Code Execution Successful ===