

# MOTIONCUT

## WEEK 3

### Week 3 Task: To-Do List Application

```
import os
tasks = []
def display_tasks()
if not tasks:
print("To-do list is Empty.\n")
else:
print("To-do list.")
for index, task in enumerate(tasks,start=1):
print(f"{index}. {task}")
def add_task(task):
tasks.append(task)
print(f"The task added is: {task}")
def update_task(index, new_task):
if 1 <= index <= len(tasks):
tasks[index -1] = new_task
print(f"Task no. {index} updated to {new_task}")
else:
print("The task number is invalid")
```

```
def remove_task(index):
    if 1 <= index <= len(tasks):
        removed_task = tasks.pop(index - 1)
        print(f"The task no. {index} is removed successfully")
    else:
        print("The task number is invalid")

def delete_task():
    global tasks
    tasks = []
    while True:
        os.system("clear" if os.name == "posix" else "cls")
        print("///// To-Do List Application /////\n")
        display_tasks()
        print("Select any one option.")
        print("1. Add New Task.")
        print("2. Update New Task.")
        print("3. Remove Existing Task.")
        print("4. Delete all Tasks.")
        print("5. Exit.\n")
        select = input("What do you wanna do? ")
        if select == "1":
            task = input("Enter the task: ")
            add_task(task)
        elif select == "2":
```

```
index = int(input("Which task do you want to update? Enter the
number."))
new_task = input("Enter the new updated task: ")
update_task(index, new_task)
elif select == "3":
index = int(input("Which task do you want to remove? Enter the
number."))
remove_task(index)
elif select == "4":
delete_task()
print("All tasks have been deleted.")
elif select == "5":
print("Exiting the Application")
break
else:
input("Invalid choice. Enter any button to continue.....")
with open("Save.txt", "w") as file:
for task in tasks:
file.write(task + "\n")
```

OUTPUT : ///// To-Do List Application /////

To-do list is Empty.

Select any one option.

1. Add New Task.

2. Update New Task.
3. Remove Existing Task.
4. Delete all Tasks.
5. Exit.

What do you wanna do?

1 Enter the task: to do list

The task added is: to do list

///// To-Do List Application /////

To-do list.

1. to do list
2. Select any one option.
3. 1. Add New Task.
4. 2. Update New Task.
3. Remove Existing Task.
4. Delete all Tasks.
5. Exit. What do you wanna do?

1 Enter the task: assignment

The task added is: assignment

///// To-Do List Application ///// To-do list.

1. to do list
2. assignment

Select any one option.

1. Add New Task.
2. Update New Task.
3. Remove Existing Task.

4. Delete all Tasks.

5. Exit.

What do you wanna do? 2

Which task do you want to update? Enter the number.2

Enter the new updated task: task

Task no. 2 updated to task

///// To-Do List Application /////

To-do list.

1. to do list

2. task

Select any one option.

1. Add New Task.

2. Update New Task.

3. Remove Existing Task.

4. Delete all Tasks.

5. Exit.

What do you wanna do? 3

Which task do you want to remove? Enter the number.2

The task no. 2 is removed successfully

///// To-Do List Application /////

To-do list.

1. to do list

Select any one option.

1. Add New Task.

2. Update New Task.

3. Remove Existing Task.

4. Delete all Tasks.

5. Exit.

What do you wanna do? 4

All tasks have been deleted.

///// To-Do List Application /////

To-do list is Empty.

Select any one option.

1. Add New Task.

2. Update New Task.

3. Remove Existing Task.

4. Delete all Tasks.

5. Exit.

What do you wanna do? 5

Exiting the Application