BASIC PYTHON PROJECT

TO - DO LIST APPLICATION

Program Code

```python
tasks=[ ]
def add_task( ):
    task=input("enter a task:")
    tasks.append(task)
    print("Task added successfully")
def view_task( ):
    if len(tasks)= =0:
        print("no tasks")
    else:
        print("list of tasks:")
        for i,task in enumerate(tasks):
            print(f '{i+1}.{task}')
def delete_task( ):
    if len(tasks)= =0:
        print("no tasks to delete")
    else:
        print("tasks:")
        for i,task in enumerate(tasks):
```

```python
        print(f '{i+1}.{task}')
    choice=int(input('enter the task number to delete:'))
     if 0<choice<=len(tasks):
        del tasks[choice-1]
        print('task deleted successfully')
      else:
        print("invalid task number")
def main( ):
   while True:
      print('\n=====To-Do list application=====')
      print(' 1. Add task ')
      print(" 2. View task ")
      print(" 3. Delete task ")
      print(" 4. Quit ")
      choice=int(input("enter your  choice:"))

      if choice==1:
         add_task()
      elif choice==2:
         view_task()
      elif choice==3:
         delete_task()
      elif choice==4:
```

```python
            print("Thank you for using To-Do application")
            break
        else:
            print("invalid choice")
main( )
```

output

```
=====To-Do list application=====
 1.Add task
 2. View task
 3. Delete task
 4. Quit
enter your   choice:1
enter a task:Do homework
Task added successfully

=====To-Do list application=====
 1.Add task
 2. View task
 3. Delete task
 4. Quit
enter your   choice:1
enter a task:Attend a meeting
Task added successfully

=====To-Do list application=====
 1.Add task
 2. View task
 3. Delete task
 4. Quit
enter your   choice:3
tasks:
```

```
1.Do homework
2.Attend a meeting
enter the task number to delete:1
task deleted successfully

=====To-Do list application=====
 1.Add task
 2. View task
 3. Delete task
 4. Quit
enter your  choice:2
list of tasks:
1.Attend a meeting

=====To-Do list application=====
 1.Add task
 2. View task
 3. Delete task
 4. Quit
enter your  choice:4
Thank you for using To-Do app

Process finished with exit code 0
```