

To-do-List App Mini Project

- ➔ I did a mini project which is a To-do-List and delighted to share this mini project to you.
- ➔ This is my first mini project that I have completed, these opportunities provided by the VaultofCode intern.
- ➔ There is given below source code of these mini project with output.

```
import java.util.ArrayList;
import java.util.Scanner;

public class TodoListApp
{
    private ArrayList<String>todoList=new ArrayList<>();

    /*void displayList method will display To-do-List and print
        out each task along with their position
        */

    public void displayList()
    {
        System.out.println(".....To-do-List.....");
        for(int i=0;i<todoList.size();i++)
        {
            System.out.println(i + "." + todoList.get(i));
        }
    }
}
```

```
// To use addTask method to add the task to the to-do-List
```

```
public void addTask(String task)
{
    todoList.add(task);
    System.out.println("Task added==> "+task);
}
```

```
public void removeTask(int taskIndex)
{
    if(taskIndex>=0 && taskIndex<todoList.size()-1)
    {
        todoList.remove(taskIndex);
        System.out.println("Task removed===> "+taskIndex);
    }
}
```

```
public static void main(String[] args)
{
    Scanner scr=new Scanner(System.in);
    TodoListApp taobj=new TodoListApp();
    int choice;

    // to display to-do-list menu
```

```
while(true)
{
    System.out.println("\n Menu");
    System.out.println("1. Display to-do-List");
    System.out.println("2. Add task");
    System.out.println("3. Remove task");
    System.out.println("4. Quite");
    System.out.println("Enter your choice....");
    choice=scr.nextInt();

    switch(choice)
    {
        case 1:
            taobj.displayList();
            break;

        case 2:
            System.out.println("Enter the task to add..");
            scr.nextLine();
            String task=scr.nextLine();
            taobj.addTask(task);
            break;

        case 3:
```

```
System.out.println("Enter the task index to remove...");  
scr.nextLine();  
int taskIndex=scr.nextInt();  
taobj.removeTask(taskIndex);  
break;
```

case 4:

```
System.out.println("good bye!");  
System.exit(0);  
break;
```

default:

```
System.out.println("Please enter correct choice");  
break;
```

```
}
```

```
}
```

```
}
```

```
}
```

Output

To add item in to-do-List.

Menu

1. Display to-do-List
2. Add task
3. Remove task
4. Quite

Enter your choice....

2

Enter the task to add..

Make allergist appointment

Task added==> Make allergist appointment

Menu

1. Display to-do-List
2. Add task
3. Remove task
4. Quite

Enter your choice....

2

Enter the task to add..

Buy razors

Task added==> Buy razors

Menu

1. Display to-do-List
2. Add task
3. Remove task
4. Quite

Enter your choice....

2

Enter the task to add..

Retile kitchen floor

Task added==> Retile kitchen floor

Menu

1. Display to-do-List
2. Add task
3. Remove task
4. Quite

Enter your choice....

2

Enter the task to add..

Throw out compost!!!

Task added==> Throw out compost!!!

Menu

1. Display to-do-List
2. Add task
3. Remove task
4. Quite

Enter your choice....

2

Enter the task to add..

Figure out meal prepping

Task added==> Figure out meal prepping

Menu

1. Display to-do-List

2. Add task

3. Remove task

4. Quite

Enter your choice....

To display item of to-do-List.

Menu

1. Display to-do-List

2. Add task

3. Remove task

4. Quite

Enter your choice....

1

.....To-do-List.....

0.Make allergist appointment

1.Buy razors

2.Retile kitchen floor

3.Throw out compost!!!

4.Figure out meal prepping

To remove item from to-do-List.

Menu

1. Display to-do-List

2. Add task

3. Remove task

4. Quite

Enter your choice....

3

Enter the task index to remove...

1

Task removed==> 1

Menu

1. Display to-do-List

2. Add task

3. Remove task

4. Quite

Enter your choice....

3

Enter the task index to remove...

2

Task removed==> 2

Menu

1. Display to-do-List

2. Add task

3. Remove task

4. Quite

Enter your choice....

3

Enter the task index to remove...

1

Task removed==> 1

To quite from to-do-List.

Menu

1. Display to-do-List

2. Add task

3. Remove task

4. Quite

Enter your choice....

4

good bye!

To enter wrong choice.

Menu

1. Display to-do-List

2. Add task

3. Remove task

4. Quite

Enter your choice....

6

Please enter current choice

Task completed.