# Wonderware InTouch
# Advance Tasks

1) Show alarm in ActiveX control (Real & History) as group wise.
2) When I restart system that time application runtime will auto start & display new alarm in ActiveX control without doing any action outside of runtime application.
3) Create some tags & that tags data configured with SQL (Insert, Select & update) using with & without bind list.
4) When I restart system after that I generate alarm that automatically shown in history alarm.
5) When I applied time filter on history alarm after that i want to remove that filter so its shown all by default record.
6) When I click on sql select button then it's all record shown in sql data grid as well as intouch tags.
7) As using alarm purge archive utility, delete some alarm records base on time filter so when again refresh alarm control its will show remaining alarm.
8) When I applied time filter on history alarm after that need default record that same as which shown when we again start application..
9) Use alarm purge archive utility for delete & archive some alarm recorded for specific time or duration.
10) Whatever we archive reord that restore on diff. alarm control.
11) Print alarm using alarm printer.
12) What is distributed alarm & how to use it. Take one example & perform for same.
13) How to use language conversion. Means whatever language supported by intouch that will be converted vice versa.
14) Perform security login access by using all security function.
15) What is distributed alarm & how to use it. Take one example & perform for same.
16) How to use language conversion. Means whatever language supported by intouch that will be converted vice versa.
17) Perform security login access by using all security function.
18) Use alarm purge archive utility for delete & archive some alarm recorded for specific time or duration and restore that alarm.
19) How to add new recipe in the recipe manager without using of recipe definition.
20) Communication between OPC and INTOUCH
21) Define trends for same tags & get real & history trend in ActiveX control.
22) Define alarm for some tags. Generated alarm on diff. conditions & show that alarm into alarm ActiveX control for current & history alarm. History alarm define filter for Start & end time and according to that get alarm.
23) Develop Header, footer & navigation window.
24) Explain Diff. between Intouch application type?

### 25) Security Task

- **Task-1 →** After Configure security create a logic in such way that if my Username or password are wrong then pop or warning display appear with some message on it.
- **Task-2 →** Configure Logic for dumping data of user's login-logoff into SQL table. Following data should be there in table of SQL. <u>Status=Login or logoff.</u>

  **Example**

| Date | Time | Username | Status | Accesslevel |
|------|------|----------|--------|-------------|
| Date | Time | User1 | Login | 1000 |
| Date | Time | User1 | Logoff | 1000 |

### 26) Alarms Task

- **Task-1 →** By Assigning Group to Alarms Filter them by Group
- **Task-2 →** Historize Alarms data and display them into ActiveX Control then Filter them by start time & Endtime.

### 27) Time Trend Task

**Task-1 →** Generate 3 phase sine wave in real time trend and display the same in Hist Trend.