1. Installation (2 hours)
    a. SQL Server (SSMS)
    b. Business Central
    c. VS Code
    d. Understanding launch.json and app.json
2. Introduction to business central (1 hour)
    a. AL language
    b. Objects
    c. Data Types
    d. Enums
3. Table and table extensions (4 hours)
    a. Table properties
    b. Filed properties.
    c. Triggers

4. Page and Page Extensions(4 hours)
    a. Types of pages
    b. Page properties
    c. Filed properties.
    d. Triggers
    e. Actions
5. Working with other data types(1 hour)
    a. Working with Collection [Array, List]
    b. Type Conversion
6. Operators(4 hours)
    a. Arithmetic (+,-,/,*)
    b. Relational (>,<,<>,=,IN,>=,<=)
    c. NOT
    d. String
    e. MOD
7. Syntax and conditional statement(6 hours)
    a. If
    b. If-else
    c. If-elseif-else
    d. Switch case
    e. Get
    f. Findfirst
    g. Findlast
    h. Findset
    i. Setcurrentkey
    j. Sorting
    k. Locktable

8. Working with String and Date(2 hours)

a. String Inbuild function
b. Date inbuild function
c. Date2DMY
d. Duration
e. Time

9. Custom procedures (6 hours)
   a. Procedures with logic
   b. Call custom procedures through action.
   c. Call Custom function into function.
10. Event subscriptions(6 hours)
    a. General Ledger Entries
    b. Item ledger Entries
    c. Value entries

11. Report Development(2 days)
    Custom report development
12. Error Handling(2 hours)
13. Interface in business central(2 hours)
    a. Create interface.
    b. Implement interface.
14. Debugging(2 hours)
    a. Step into
    b. Step out
    c. Continue
15. Role center Page(2 hours)
    a. Create page
    b. And assign role
16. Extension and dependency(2 hours)
    a. Extension
    b. Dependency
17. Module(10 hours)
    a. Header Table
    b. Line Table
    c. Ledger Table
    d. Posted Header Table
    e. Posted Line Table
    f. Procedure to post data into Posted table and ledger.
    g. Controls and extras
    h. Report development for the same.
18. API (4 hours)
    a. Create API page
    b. CURD on the same.
19. RDP and others (2 hours)
    a. RDP

b. Devops pull push request.
c. Conclusions

Week 1:

1. **Installation,Table and Pages**

   Questions for week 1:
   a. **What is the range of objects in business central?**

       i. 0-50000 ii. 1-50000 iii. 50000-avilable iv. all of above

   b. **Where do we set the range of objects?**

       i. in objects ii. App.json iii. Launch.json iv. all of above

   c. **How can we change the schema of the table as it is restricted in business central.**
       i. we cant ii. define in launch.json iii. Define in app.json iv. Define in objects

   d. **How many primary key can we define?**
       i. 1 ii. 2 iii. 5 iv. As much needed

   e. **How can we get system objects objects?**
       i. We cant ii. Download symbols iii.AL Go iv. Reload window

   f. **How can you add new changes to base objects?**

   i. By implementing objects ii. By extending object iii. By coping base objects iv. all of above

   g. **Which type of page is show the details of record all over screen?**

       i. Card Page ii. List Page iii. List Part iv. all of above

   h. **What property of filed can be used if the primary key is Integer to increase the value of it automatically?**

       i. Blank Zero ii. Max Value iii. Min Value iv. Auto Increment

   i. **Is it possible to change caption of the filed?**
       i. Yes ii. No
   j. **Can can we not allow users to write into table?**
       i. Yes ii.No

k. Which trigger is called when data is inserted at first?

    i. onAftertInsert ii. OnInsert iii.OnModify iv. all of above

l. What is use of table relation?

    i.To get data of related table ii.to get dropdopdown iii. To Link table iv. all of above

m. Which is properties of action in a page?

    i. Promoted Area ii.Promoted only iii. Image iv. all of above

n. **Which is not data type in business central?**
    i.String ii.Int iii.Blob iv. Float

Week 2:

Operator, Syntax and Conditional Statement