**Best Practices-**

1. Flower Box is used.
2. Program Header updated with reference to FSD and TSD.
3. TYPE verb is used while declaring the fields whenever feasible
4. Include Program is used.
5. PRETTY PRINTER is used.
6. Custom Transaction Code have an authorization check implemented
7. Program assigned to the T code.
8. Comments are used properly.
9. Dead Codes are removed.
10. Menu Texts are in proper cases
11. **Select <fieldnames>** is used instead of **Select \***.
12. Work Area cleared
13. **SELECT INTO TABLE** is used to populate the internal tables. Do not use SELECT.. END SELECT.
14. LOOP … WHERE used instead of using LOOP and then CHECK.
15. Internal table is sorted before using Binary Search
16. APPEND LINES OF ITAB1 INTO ITAB instead of using APPEND ITAB1 to ITAB2.
17. Report Columns are aligned correctly.
18. Appropriate Message is used to display messages.
19. Text Symbols is used instead of Hard Codes.
20. SLIN Check is completed.
21. Syntax Check is completed.
22. Program checked through Code Inspector.
23. Unused Tables from TABLES Statement is removed.
24. Unused Variables is removed.
25. Unused text elements
26. Code segments which do nothing are remove
27. Commented out parts of codes.
28. Unit Test is completed
29. Program Test with reference to FSD is completed.
30. Followed Naming Conventions.
31. headers should be used for Include Programs
32. selection screen fields should be validated at event AT-SELECTION-SCREEN
33. CASE statement should be used in place of IF where a single field is checked for >2 values
34. only required columns used instead of using SELECT \*
35. An internal table should be SORTED before doing a BINARY SEARCH on it
36. When appending itab1 to itab2, use APPEND LINES OF itab1 TO itab2 instead of APPEND itab1 TO itab2.
37. Appropriate messages should be used for displaying error
38. the events that appear in the program should be in the order in which they are generally executed
39. all the texts or message created in Text ID instead of hard coding
40. all the components been saved under the same Transport Request number
41. Never use exit command in User-Exit.
42. Use field symbol instead of work area.
43. Never use commit or rollback in BADI implementation.
44. Use naming standards for every SAP objects.
45. Check your code through SLIN to detect errors and warnings.
46. Use pretty printer.
47. Make flow chart diagram.
48. Never use hard coding. Use always standard message class or text elements.
49. Don’t mail any confidential things to your personal email address.
50. Always check your code before sending it to reviewer.
51. program starting with 'Z'
52. Program name - starting with “Z”
53. Function group - starting with “Z”
54. Function module - starting with “Z\_”
55. Variable - starting with “g\_” for global variables
56. Subroutine STARTING WITH ZF\_
57. Select options – starting with “S\_”
58. Transaction code - starting with “Z”
59. Variant – starting with “Z”
60. Use header and comment line
61. use include
62. use flower box top of the program