

73 Oracle APEX interview questions and answers to hire top talent

Questions

1. What is Oracle APEX and how does it differ from traditional development frameworks?
2. Can you explain the architecture of an APEX application?
3. How do you create a new application in Oracle APEX?
4. What are the different types of pages available in APEX and when would you use each?
5. How do you implement security measures in an APEX application?
6. What is a dynamic action in APEX, and how is it used?
7. Can you explain the role of SQL and PL/SQL in Oracle APEX?
8. How would you handle data validation in an APEX application?
9. What are workspaces in Oracle APEX and why are they important?
10. How do you manage application versions in APEX?
11. What is the purpose of the APEX builder and what features does it offer?
12. Can you describe how to integrate APEX with web services?
13. What are APEX plugins and how do you create one?
14. How can you optimize performance in an APEX application?
15. What tools or techniques do you use for debugging APEX applications?
16. How can you implement responsive design in an APEX application?
17. Can you explain the concept of Interactive Reports in Oracle APEX?
18. How would you implement a master-detail relationship in an APEX application?
19. What are the advantages of using Application Items in Oracle APEX?
20. How do you handle file uploads in an Oracle APEX application?
21. Explain the concept of Substitution Strings in Oracle APEX and provide an example of their use.
22. How would you implement row-level security in an Oracle APEX application?
23. What are Computation and Processes in Oracle APEX, and how do they differ?
24. How would you approach debugging an Oracle APEX application?
25. How would you implement a custom authentication scheme in Oracle APEX?
26. Explain the concept of APEX collections and when you would use them.
27. What are the different ways to implement navigation in an APEX application?
28. How do you create and use dynamic lists in Oracle APEX?
29. Describe the process of creating a custom report with multiple data sources in APEX.
30. What are APEX error handling techniques, and how would you implement them?
31. How do you integrate third-party JavaScript libraries into an APEX application?
32. Explain the concept of APEX session state and its importance in application development.
33. How would you implement a multi-step form wizard in Oracle APEX?
34. What are the best practices for organizing and structuring large APEX applications?
35. How do you implement data export functionality in various formats (CSV, Excel, PDF) in APEX?
36. Describe the process of creating and using dynamic actions with JavaScript callbacks.
37. How would you implement real-time data updates in an APEX application?
38. What are the different ways to optimize database queries in an APEX application?
39. How do you implement and manage global page in Oracle APEX?
40. Explain the concept of APEX authorization schemes and how to implement them.
41. How would you approach integrating a complex charting library like D3.js in an APEX application?
42. Describe the process of creating and using dynamic regions in Oracle APEX.
43. How do you handle complex data validation rules in an Oracle APEX application?
44. Can you explain how you would manage session state in a complex Oracle APEX application?
45. Describe your approach to implementing a custom report with multiple data sources in Oracle APEX.
46. How do you approach integrating third-party JavaScript libraries into an Oracle APEX application?
47. Explain how you would implement a multi-step form wizard in Oracle APEX.
48. What strategies do you use to optimize performance in a large Oracle APEX application?
49. Can you explain the concept of APEX collections and how you would use them?
50. How would you approach debugging an Oracle APEX application?
51. Describe the process of creating and using dynamic regions in Oracle APEX.
52. How would you create a custom process to handle form submission in Oracle APEX?
53. Can you explain the difference between page processes and application processes in APEX?
54. How would you implement a scheduled job in Oracle APEX?
55. Describe the process of creating a custom authentication scheme in APEX.
56. How would you implement a multi-branch approval workflow in an APEX application?
57. Can you explain how to use APEX_COLLECTION API for temporary data storage?
58. How would you implement a data synchronization process between two tables in APEX?
59. Describe the process of creating a custom PDF report in Oracle APEX.
60. How would you implement a file upload process with virus scanning in APEX?
61. Can you explain how to use APEX_MAIL to send emails with attachments?
62. How would you implement a custom error logging mechanism in an APEX application?
63. Describe the process of creating a dynamic SQL report with user-defined filters in APEX.
64. What is the difference between an Interactive Report and an Interactive Grid in Oracle APEX?
65. How would you implement a cascading select list in Oracle APEX?
66. Can you explain the concept of Shared Components in APEX and provide examples of when you would use them?
67. What are the advantages of using Universal Theme in Oracle APEX?
68. How do you implement conditional rendering of page elements in Oracle APEX?
69. What is the purpose of the APEX_UTIL package and can you give an example of its use?
70. How would you implement a custom login page in Oracle APEX?