C++ Practical Question

1. WAP in C++ to create and call a function.
2. WAP in C++ to call a function multiple times.
3. WAP in C++ to [Function declaration and definition](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_functions_opt)
4. WAP in C++ to [Parameters and arguments](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_functions_param)
5. WAP in C++ to [Default parameter value](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_functions_param_def)
6. WAP in C++ to [Multiple parameters](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_functions_param_multi)
7. WAP in C++ to [Return value](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_functions_void)
8. WAP in C++ to [Return the sum of two parameters](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_functions_void2)
9. WAP in C++ to [Pass by reference](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_functions_ref)
10. WAP in C++ to [Pass an array to a function](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_functions_array)
11. WAP in C++ to [Function overloading](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_function_overloading).
12. WAP in C++ to [Create an object of a class and access class attributes](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_object_attr).
13. WAP in C++ to [Create multiple objects](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_object_real)
14. WAP in C++ to [Create class methods](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_object_method)
15. WAP in C++ to [Define a class method outside the class definition](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_object_method2)
16. WAP in C++ to [Add parameters to a class method](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_object_method_param)
17. WAP in C++ of class that has two fields: id and name. It creates instance of the class, initializes the object and prints the object value.
18. WAP in C++ to demonstrate class with Static data member
19. WAP in C++ to demonstrate class with Static member function
20. WAP in C++ to demonstrate friend function
21. WAP in C++ to [Create a default Constructor.](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_constructor)
22. WAP in C++ to [Create a copy Constructor.](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_constructor)
23. WAP in C++ to [create](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_constructor_param) a Parameterized Constructor.
24. WAP in C++ to [Constructor defined outside the class](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_constructor_param2)
25. WAP in C++ to demonstrate destructor.
26. WAP to print factorial number using recursion in C++ language.
27. WAP in C++ to printing the address and value using pointer.
28. WAP in C++ to [Public and private specifiers](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_access_private)
29. WAP in C++ to [Encapsulation - hide sensitive data from users](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_encapsulation)
30. WAP in C++ for single[Inheritance that inherit attributes and methods from one class to another](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_inheritance)
31. WAP in C++ to [Multilevel inheritance](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_inheritance_multi)
32. WAP in C++ to [Multiple inheritance](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_inheritance_multi2)
33. WAP in C++ for Hierarchical inheritance
34. WAP in C++ to implement hybrid inheritance.
35. WAP in C++ to create Abstract base class.
36. WAP in C++ to implement Abstract base class having multiple functions.
37. WAP in C++ to implement Abstract class having two derived class.
38. WAP in C++ to implement the concept Association.
39. WAP in C++ to implement the concept Aggregation
40. WAP in C++ to implement the concept Composition.
41. WAP in C++ for [Polymorphism that perform a single action in different ways](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_polymorphism)
42. WAP in C++ for [Files to Create, write and read a file](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_files_read)
43. WAP in C++ for [Exceptions that Handle errors](https://www.w3schools.com/cpp/trycpp.asp?filename=demo_try_catch).