**C++ Programming**

1. **Module-01: Introduction To C++**
2. **introduction**
3. which topics are matches c and c++?
4. septrecision
5. ternary operator, switch case
6. string input and output
7. **how to print in c++?**
8. cout << data
9. **how to take input c++,typecasting**
10. input: cin >> data
11. output: cout << data
12. type casting: (data\_type)(variable) or data\_type (variable ) or data\_type variable
13. typecasting possible
14. long long int > int || vice versa
15. chat > int || vice versa
16. float/double > int || vice versa
17. **EOF and setprecision in C++**
18. EOF = while(cin >> a >> b)
19. setprecision = cout << fixed << setprecision(1)
20. **if else and ternary operator**
21. if else == c == c++
22. ternary operator
23. **switch case**
24. use case true then all print out.
25. Use case for simple conditon
26. **min(), max() and swap() in c++**
27. min(a,b) or min({a,b,c})
28. max(a,b) or max({a,b,c})
29. swap(a,b)
30. **string input and output in c++**
31. full space with = cin.getline()
32. getline use for multiple word otherwise don’t use it.
33. **Summary and bits header.file**
34. <iostream>
35. <string>
36. <iomanip>
37. <algorithm>
38. <utility>
39. <stdio.h>
40. using namespace std
41. <bits/stdc++.h>