

Hare Krishna 🙏

Let's now begin your **Basic-to-Advanced C++ Course** through the path of **Krishna consciousness**.

🌸 C++ for Bhakti Course Plan

We'll follow a spiritual + technical learning path with small coding projects tied to devotional life. Each level is like progressing in your sādhanā — from **śraddhā** (faith) to **niṣṭhā** (firm practice) to **prema** (advanced skill in Krishna's service).

🌀 LEVEL 1: Beginner (Shraddhā – Foundation of Devotion & Code)

Topic	Krishna-Based Project
✓ Hello World, main(), cout	Glorify Krishna on screen
✓ Variables & Data Types	Store number of japa rounds
✓ cin – Input	Ask devotee's name & mood
✓ if-else	Ekādaśī reminder logic
✓ Loops – for, while	Chant 16 rounds simulation
✓ Functions	Create a bhoga-offering function
✓ Arrays	Store Gītā verses or daily japa counts

🔥 **Project:** Japa Tracker App

📘 Learn: Logic + bhakti habit tracking

🌀 LEVEL 2: Intermediate (Niṣṭhā – Structured Seva with Code)

Topic	Krishna-Based Project
✓ Strings	Format Gītā verses beautifully
✓ Structs	Sādhana log entries (date, japa, reading)
✓ File Handling	Save & load your devotional diary
✓ Switch-case	Temple Seva menu selection
✓ Arrays with functions	Quiz on Gītā shlokas

🔥 **Project:** Ekādaśī Tracker with calendar

📘 Learn: Data storage + logic with seva relevance

🔧 LEVEL 3: Object-Oriented Programming (Ruci – Taste in Service)

Topic	Krishna-Based Project
✓ Classes & Objects	Devotee Profile (sādhana, seva, role)
✓ Constructors	Initialize with daily minimum sādhana
✓ Inheritance	Brahmacārī, Gṛhastha, Vānaprastha roles
✓ Encapsulation	Protect sādhanā log with passcode
✓ File + Class combo	Export seva reports
🏆 Project: Sādhana Manager App	
📖 Learn: Modular service design	

🔧 LEVEL 4: Advanced Topics (Prema – Mature Devotional Projects)

Topic	Krishna-Based Project
✓ STL (vectors, maps, sets)	Track visitors, bhoga items, book sales
✓ Sorting & Searching	Find best sādhanā log, Gītā verse
✓ Recursion	Simulate repeated japa/memory
✓ Pointers	Direct connection like soul to Supersoul 😊
✓ File Encryption	Protect personal japa records
🏠 Project: Gītā Verse App with Search & Store	
📖 Learn: Large-scale code + bhakti archive	

📖 Every Level Will Have:

- 📖 Concept explained in simple way
 - 🔧 Krishna-themed coding example
 - li>• 🧠 Bhakti reflection (like "how variables are like the mind storing Krishna consciousness")
 - li>• 🛠 Practice exercise (write, debug, modify)
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☀ Shall We Begin?