

12th JULY 2021

PROBLEM SOLVING DAY

C++ COMPLETE BOOTCAMP

Let us begin....

Are you all ready ?

Hello CPPBuddies

Problem Solving

Session No. 1

Welcome

To

C++ COMPLETE BOOTCAMP

Your Guide To A Solid Foundataion in C++

Let us begin

HAPPY RATHA YATRA

Let us see some more



Example

My Bill Calculator



Write a C++ program to input electricity unit charges and calculate total electricity bill according to the given condition:

For first 50 units => Rs. 0.50/unit

For next 100 units => Rs. 0.75/unit

For next 100 units => Rs. 1.20/unit

For unit above 250 => Rs. 1.50/unit

An additional surcharge of 20%
is added to the bill

Program No. 1

Take integer **n** as input from user.
Then factors of n.

Program No. 2

Take integer **n** as input from user.
Then factorial of n.

Program No. 3

Take integer **n** as input from user.
Then find the prime factorization of n.

Program No. 4

Take integer **n** as input from user.
Then find nth fibonacci number.

Program No. 5

Take integer **n** and **r** as input from user.

Then find no. of ways of choosing **r** distinct objects from **n** distinct objects.

LET US SOLVE SOME COMPLEX PROBLEMS

They will make use of all:

FUNCATIONS

&

LOOPS

&

CONDITIONALS

Problem Statement

Input numbers till the user inputs a **zero**
using **do while loop**

For each number find whether the year
is **leap** or **not** using **switch statement**.



THANK YOU



**keep calm,
wear mask,
and
study hard**



whoami

AKASH MAJI

Your Mentor