

EEE110 - Computer Programming Laboratory

Introduction to C++



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Question 1

Develop a program that just writes out a simple message.

(5 min, 13:20-13:25)



Question 2

Develop a program that will take a number and divide it by 2.

(5 min, 13:25-13:30)



Question 3

Calculate and display the result of
 $(8 \times 4/2 + 9 - 4/2 + 6 \times (4 + 3))$.

(5 min, 13:30-13:35)



Question 4

Develop a program that takes two values from the user and then swaps them before printing the values. The user will be prompted to enter both numbers.

(10 min, 13:35-13:45)



Question 5

Devise a program that takes radius of a circle from the user, and calculates circumference and area of the circle. ($\pi = 3.14$)

(10 min, 13:45-13:55)



Question 6

Develop a program that will input the value of two sides of a right triangle and then determine the size of the hypotenuse.

(10 min, 14:15-14:25)



Question 7

Design a program that asks for a number which represents the number of kilometers travelled. The output will convert this number to miles. ($1 \text{ km} = 0.621 \text{ miles}$)

(10 min, 14:25-14:35)



Question 8

Design a program to read and display an entire line entered by user.

(10 min, 14:35-14:45)



Question 9

Develop a program to compute quotient and remainder.

(10 min, 14:45-14:55)



Question 10

Design a program to find size of a variable.

(10 min, 14:55-15:00)

