

Lab Title: "Exploring C++ Programming Concepts"

Q1 WAP to illustrate the concept of i/o stream and manipulators

Example:

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Here - means space

Q2 WAP to illustrate the concept of dynamic memory allocation

Example:

The sum of n array elements

Q3 WAP to illustrate the concept of function overloading using different types of arguments

Example:

The sum of 3 numbers

Q4 WAP to illustrate the concept of function overloading using different numbers of arguments

Example:

Area of the circle and rectangle

Q5 WAP to illustrate the concept of inline function

Example:

Smallest among 3 numbers using inline function

Q6 WAP to illustrate the concept of default arguments

Example:

Calculate the sum of 3 numbers with one default argument

Q7 WAP to illustrate the concept of pass-by-reference

Example:

Swap two numbers using pass-by-reference

Q8 WAP to illustrate the concept of return by reference

Example:

Return the greatest number among 3 numbers using return by reference