

1. Write a C++ program that prints your name, id, department, semester, and section.
2. Write a C++ program that reads two integers from the user and prints their sum.
3. Write a C++ program to find the largest of three numbers provided by the user.
4. Write a C++ program that checks whether a given integer is even or odd.
5. Write a C++ program that calculates the factorial of a given number using a loop.
6. Write a C++ program to generate the first n numbers of the Fibonacci sequence, where n is provided by the user.
7. Write a C++ program that checks whether a given number is prime.
8. Write a C++ program that calculates the sum of all elements in a given array of integers.
9. Write a C++ program that includes a function to calculate the area of a circle. The function should take the radius as a parameter and return the area.
10. Write a C++ program that performs basic arithmetic operations (addition, subtraction, multiplication, division) on two numbers provided by the user. The user should be able to choose the operation.