A logo with letters and numbers

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**Course code: CSC-284**

**Lab Report: 01**

**Submitted To**

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1. **Program to Print Even and Odd Numbers from 1 to 20**

#include <iostream>

using namespace std;

int main() {

cout << "Even numbers from 1 to 20: ";

for (int i = 1; i <= 20; i++) {

if (i % 2 == 0) {

cout << i << " ";

};

};

cout << "\nOdd numbers from 1 to 20: ";

for (int i = 1; i <= 20; i++) {

if (i % 2 != 0) {

cout << i << " ";

}

}

cout << endl;

return 0;

}

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1. **Sum of Two Numbers:**

#include <iostream>

using namespace std;

int main() {

int num1, num2;

cout << "Enter the first number: ";

cin >> num1;

cout << "Enter the second number: ";

cin >> num2;

int sum = num1 + num2;

cout << "Sum: " << sum << endl;

return 0;

}

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1. **Subtraction of Two Numbers**

#include <iostream>

using namespace std;

int main() {

int num1, num2;

cout << "Enter the first number: ";

cin >> num1;

cout << "Enter the second number: ";

cin >> num2;

int subtraction = num1 - num2;

cout << "Subtraction: " << subtraction << endl;

return 0;

}

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1. **Multiplication of Two Numbers:**

#include <iostream>

using namespace std;

int main() {

int num1, num2;

cout << "Enter the first number: ";

cin >> num1;

cout << "Enter the second number: ";

cin >> num2;

int multiplication = num1 \* num2;

cout << "Multiplication: " << multiplication << endl;

return 0;

}

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1. **Division of Two Numbers**

#include <iostream>

using namespace std;

int main() {

float num1, num2;

cout << "Enter the first number: ";

cin >> num1;

cout << "Enter the second number: ";

cin >> num2;

if (num2 != 0) {

float division = num1 / num2;

cout << "Division: " << division << endl;

} else {

cout << "Cannot divide by zero." << endl;

}

return 0;

}

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1. **Program to Check if a Number is Even or Odd**

#include <iostream>

using namespace std;

int main() {

int number;

cout << "Enter a number to check if it's even or odd: ";

cin >> number;

if (number % 2 == 0) {

cout << "The number " << number << " is even." << endl;

} else {

cout << "The number " << number << " is odd." << endl;

}

return 0;

}

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