3.Write a program that input a number in main() and passes the number to a function. The function display table of that number.

Coding:

#include <iostream>

// Function declaration

void displayTable(int number);

int main() {

int num;

// Input a number from the user

std::cout << "Enter a number: ";

std::cin >> num;

// Call the function to display the table of the number

displayTable(num);

return 0;

}

// Function definition

void displayTable(int number) {

std::cout << "Multiplication table for " << number << " is:\n";

for (int i = 1; i <= 10; ++i) {

std::cout << number << " x " << i << " = " << (number \* i) << std::endl;

}

}

