**Name**-Tharush Upamal Senasinghe

**SLIIT ID** – IT21073878

**Exercise 01**

//Tharush Upamal Senasinghe - IT21073878 - Malabe\_Group5.1

#include <studio.h>

int main()

{

printf("Tharush Upamal Senasinghe\n\n");

printf("Welcome\nTo\nSLIIT\n\n");

printf("Welcome\tto\tSLIIT\t\n\n");

printf("\*\*\*\*\*\*\*\* \*\*\* \* \* \n");

printf("\* \* \* \* \*\* \*\*\* \n");

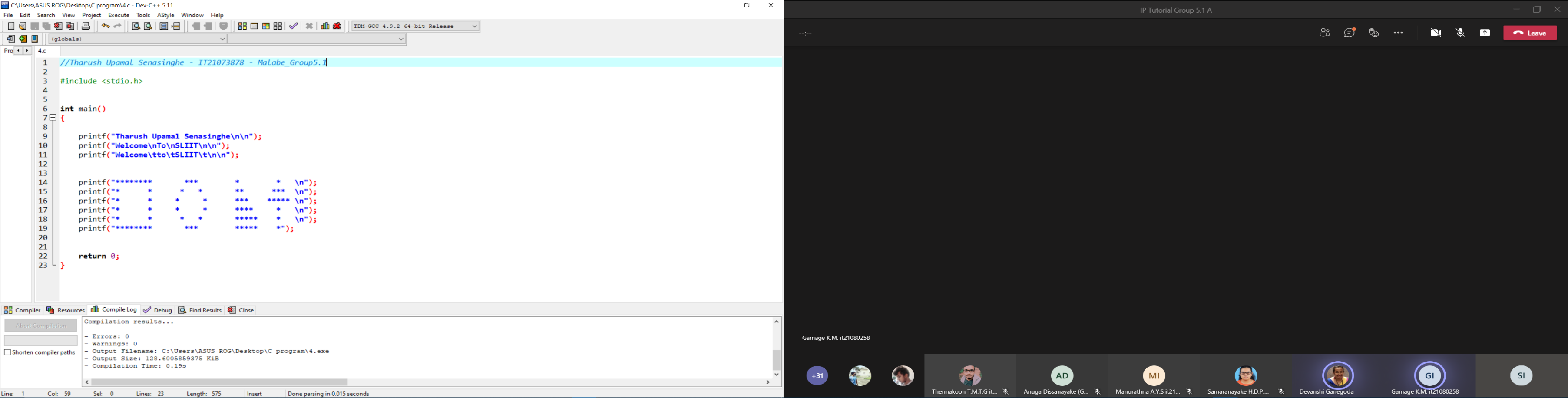
printf("\* \* \* \* \*\*\* \*\*\*\*\* \n");

printf("\* \* \* \* \*\*\*\* \* \n");

printf("\* \* \* \* \*\*\*\*\* \* \n");

printf("\*\*\*\*\*\*\*\* \*\*\* \*\*\*\*\* \*");

return 0;

}

Text

Description automatically generated

**Exercise 02**

**Diagram

Description automatically generated** Created with www.genmymodel.com

**Exercise 3**

1. Input – Celsius Value

Output - Fahrenheit value

Calculation - Fahrenheit = (9/5 \* Celsius) + 32

1. Input – Fare for each bus

Output - Total travel expenditure for the semester

Calculation - calculation the total expenditure

total expenditure =(sum of fare of buses) \* 5 \* 14\* 2

1. Input - value of basic salary

Output - Bonus received

Calculation - calculation the bonus received.

Bonus = (value of basic salary) \* 20/100