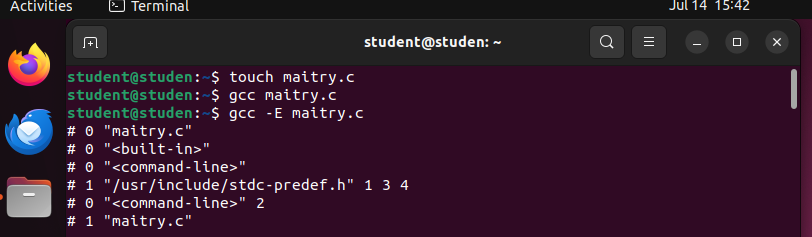
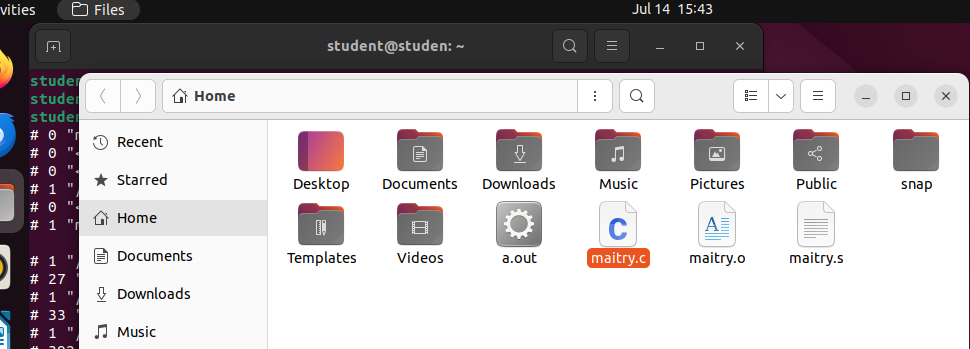
**Practical 1**

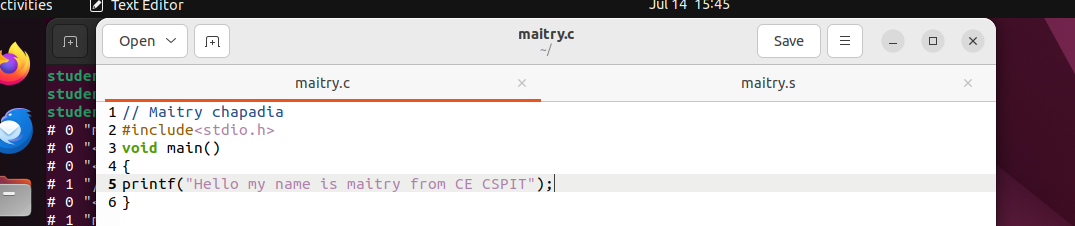
LINUX

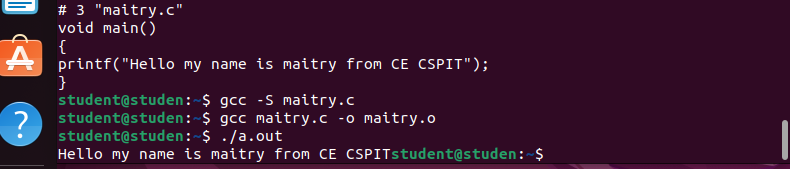


* the first file is formed by the touch tool
* It is named in format Here of “ name.c”



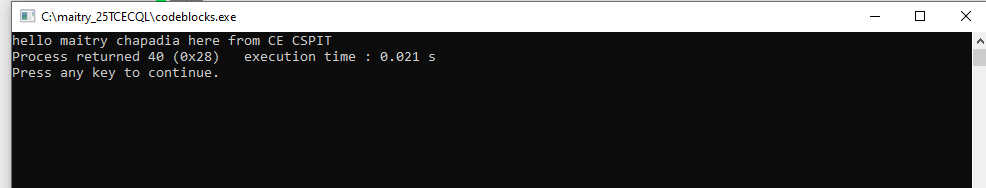
* The other folder is maitry.s
* And the third folder is maitry.o
* This maitry.o will not open. As it has codes which not shown as someone would might copy it.

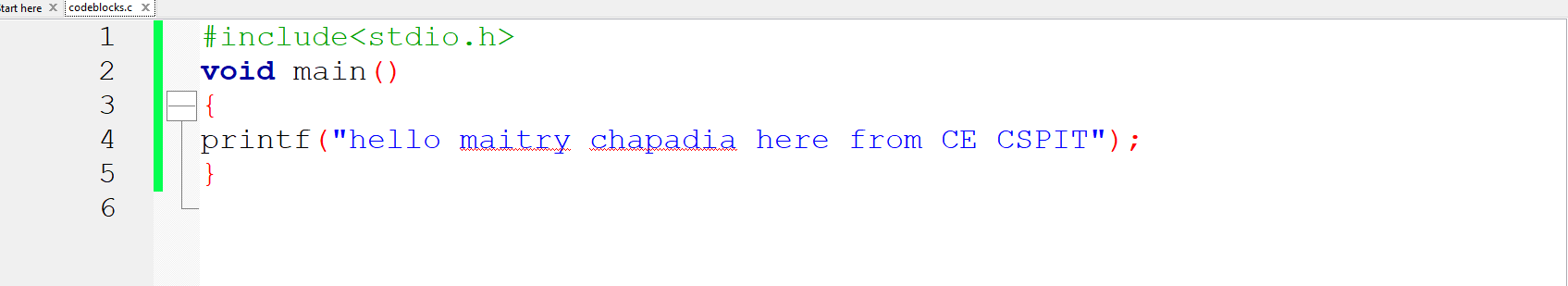




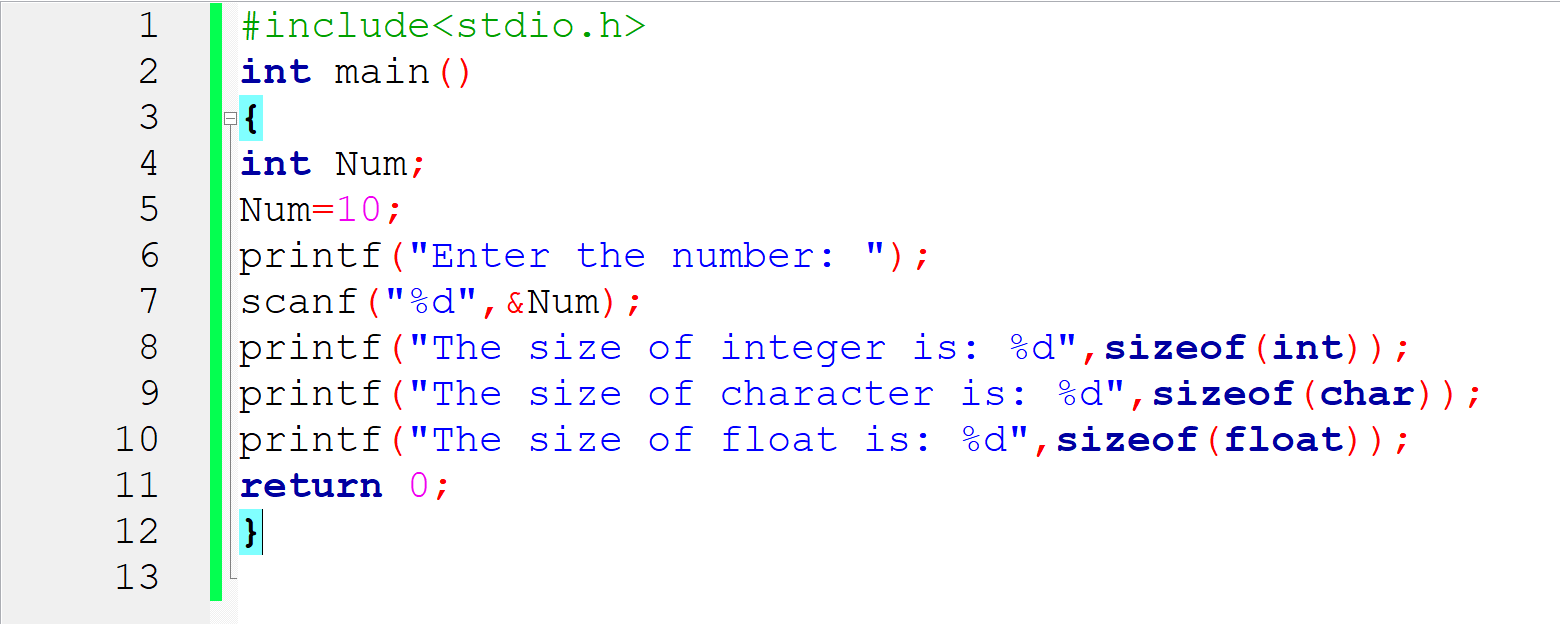
* We got the output by “./a.out” which creates a folder of it.

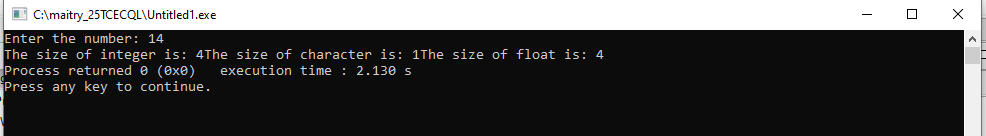
CODEBLOCK





Integer

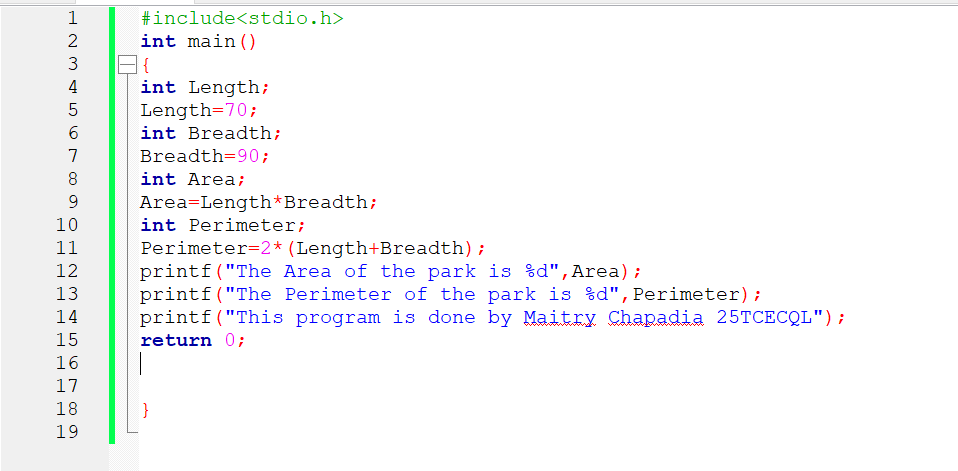


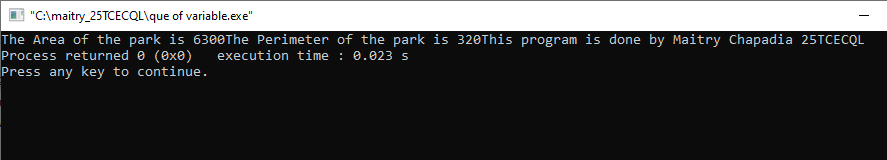


**Practical 2**

Integer Que

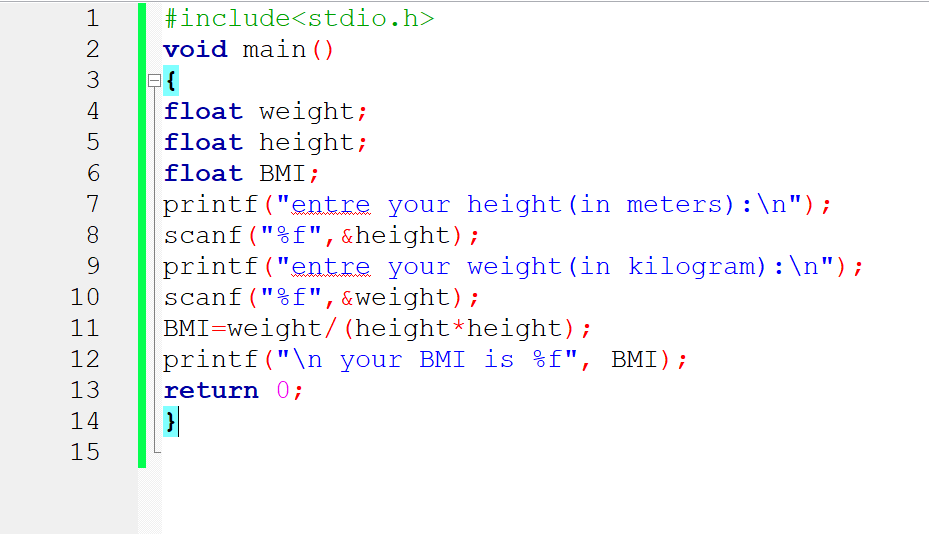
To find the area and the perimeter of the park whose length is 70 and breadth is 90 in the codeblock



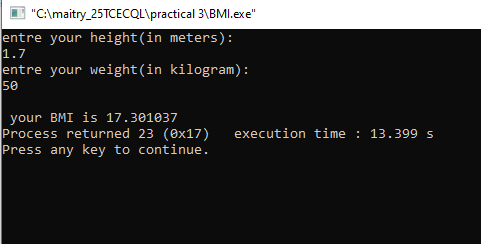


**Practical 3**

Measurements

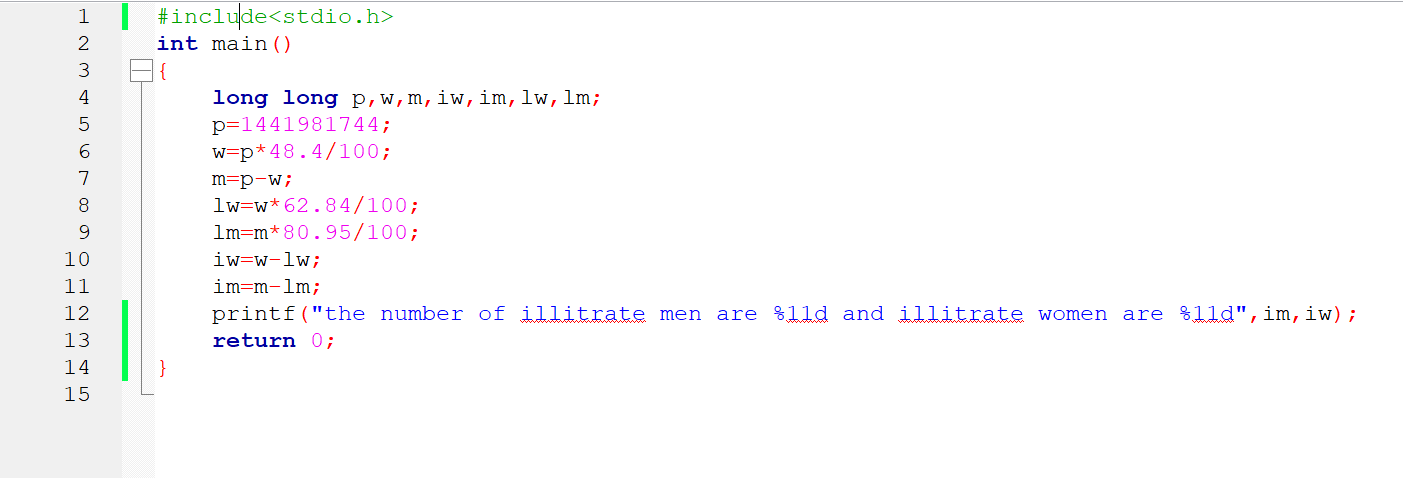


* here the float express the variables.
* Scanf is used for the next line .
* For scanf we use “%f”.
* BMI=weight devided by the square of height.

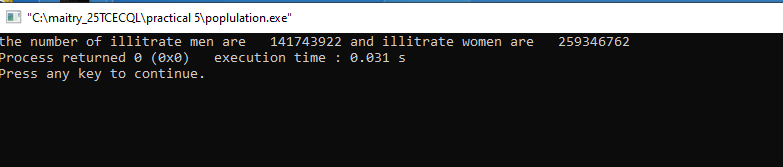


**Practical 5**

Population



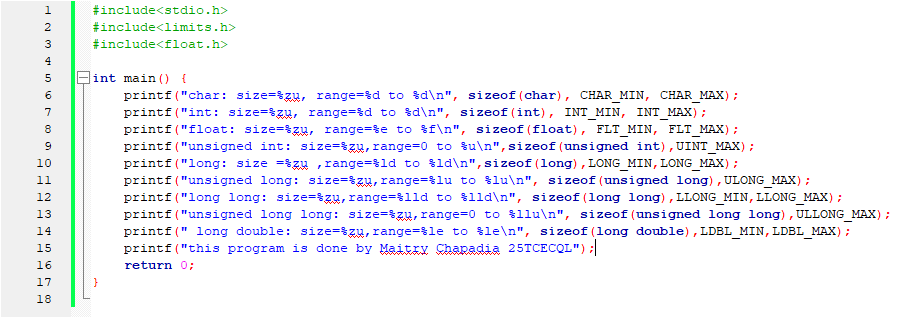
* Here there is the calculation of illiterate men and women from total population of 1,44,19,81,744 people
* Here we have given the percentage of literate men and literate women



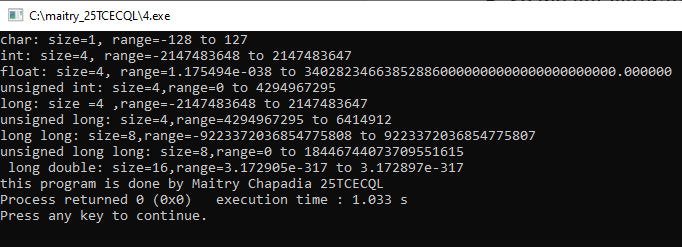
* So we get illiterate men 141743922 and illiterate women 259346762

**Practical 4**

Size and Ranges

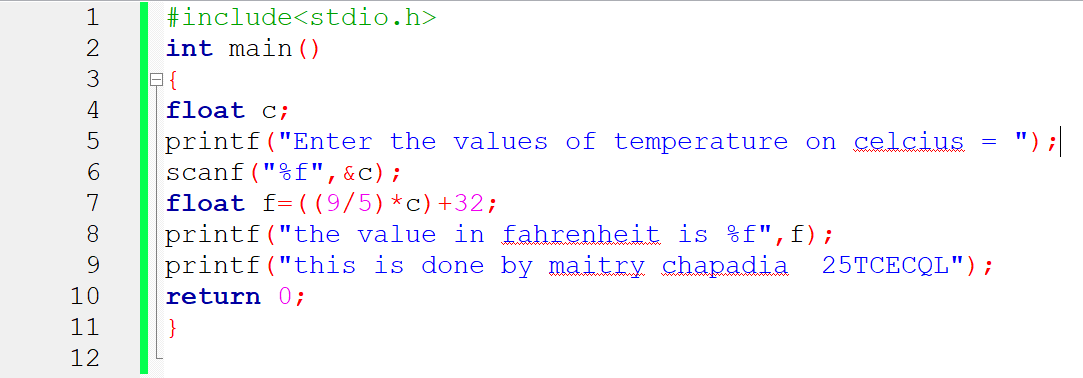


* Here very data type has it’s own size and ranges.

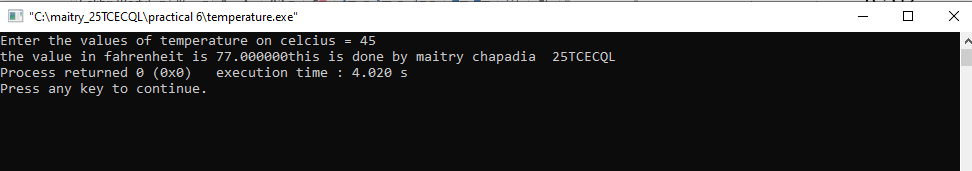


**Practical 6**

Temperature conversation



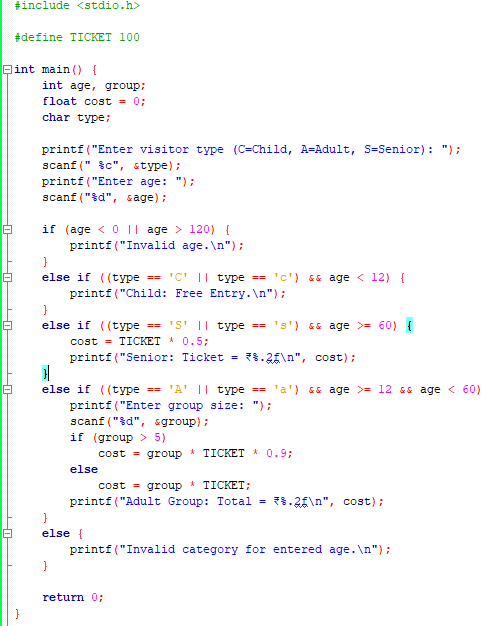
* Here we are doing the conversion of temperature from Celsius to fahrenheit
* With formula ((9/5)\*C)+32



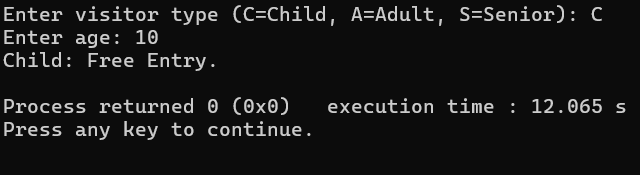
* Here we entre the values of temperature in Celsius and get the answer in Fahrenheit.

**Practical 7**

Tickets collection



* This program decides if a visitor should get free or discounted entry based on age.
* It uses if, else if, and else statements for decision-making.
* The program includes categories: Child, Adult, Senior Citizen.
* Age is validated to ensure it's within a realistic range (0–120).



Visitors under 12 are classified as children.

The program correctly gives **free entry** to children below 12.

A black screen with white text

AI-generated content may be incorrect.

* Visitors between 12 and 59 are classified as adults.
* If more than 5 adults are entered in a group, a **10% discount** is applied.
* Shows total ticket price calculated using the group size.

A screenshot of a computer program

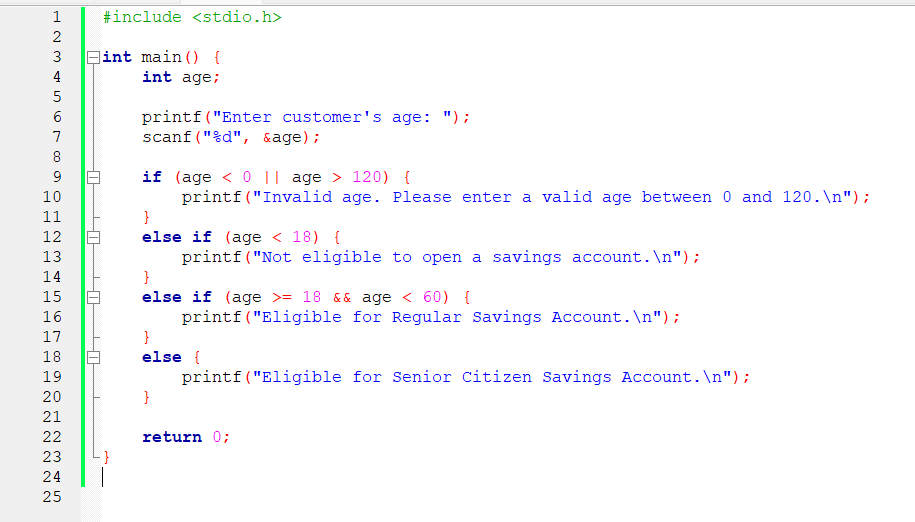
AI-generated content may be incorrect.

Visitors aged 60 or more are classified as senior citizens.

They receive **50% discount** on the ticket fare.

**Practical 8**

Bank account



* This program checks if a customer is eligible to open a savings account based on their age.
* It uses if, else if, and else statements to classify customers.
* Age is taken as input, and conditions are applied to determine eligibility type.
* Invalid age input is handled using a condition (age < 0 || age > 120).

A screen shot of a black screen

AI-generated content may be incorrect.

When a customer under 18 years old is entered, the program displays "Not eligible to open a savings account."

A screen shot of a computer screen

AI-generated content may be incorrect.

If the entered age is between 18 and 59, the program shows "Eligible for Regular Savings Account."

A screen shot of a black screen

AI-generated content may be incorrect.

When age is 60 or more, the program shows "Eligible for Senior Citizen Savings Account."