**Printf Scanf Assignment**

Q1. WAP with

1a. function readdisplay() to read the following data types only one at a time at run time and to display.

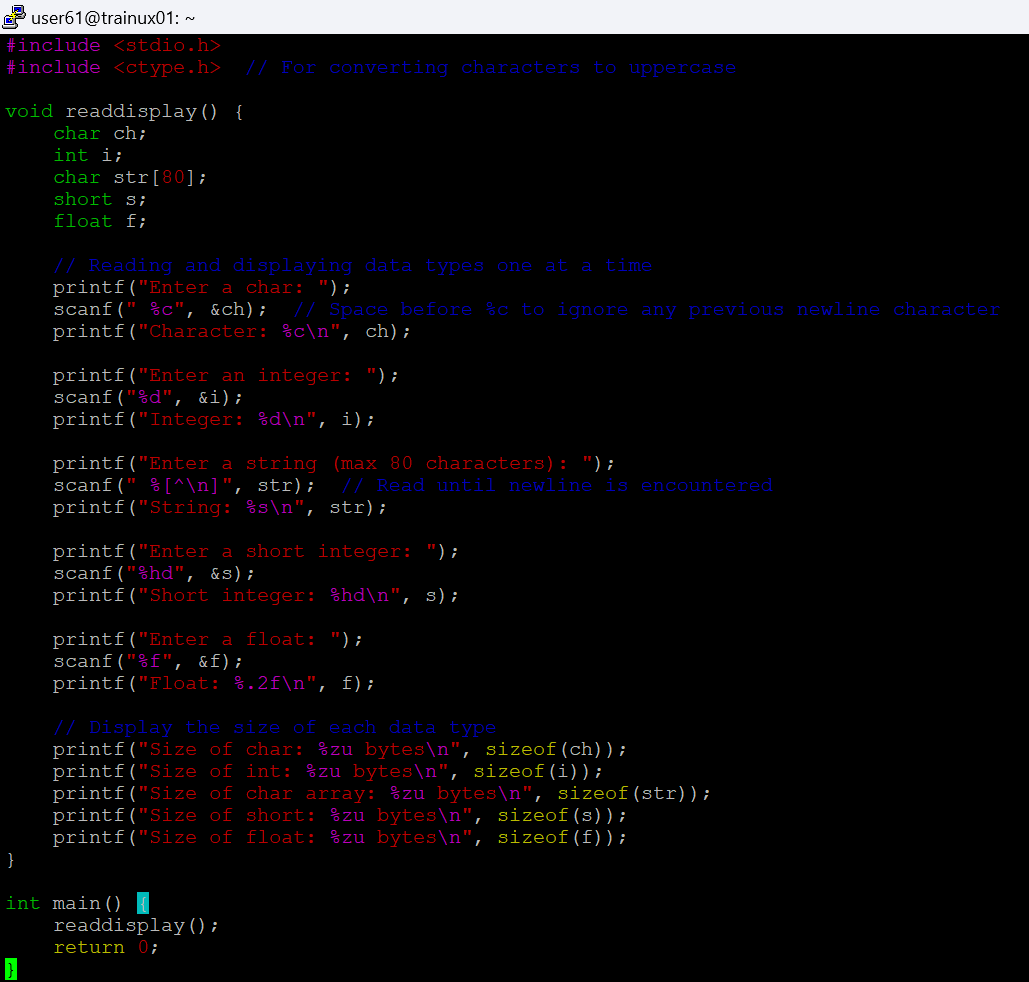
1. char type

2. integer type

3. char array of maximum 80 characters

4. short type

5. float type



A computer screen shot of a black screen

Description automatically generated

1b. Function readdisplay2()

A computer screen shot of text

Description automatically generated

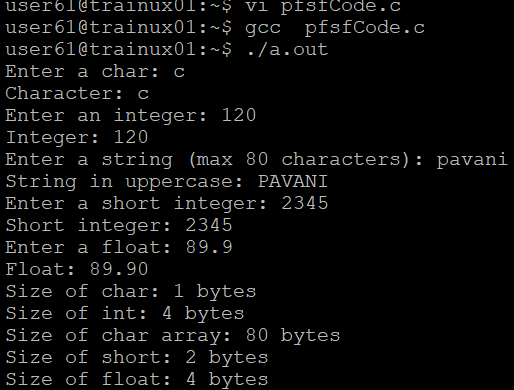
A black background with lights

Description automatically generated

1c. Display the char array content in uppercase

A screen shot of a computer program

Description automatically generated



**1d. Display the size of each data type**

This has already been added to both readdisplay() and readdisplay2(). The code uses sizeof() to print the size of each data type.

Q2: Running the provided code snippet and fixing it

**Incorrect Code:**

#include<stdio.h>

int main()

{

unsigned long int ul = 200333333334340;

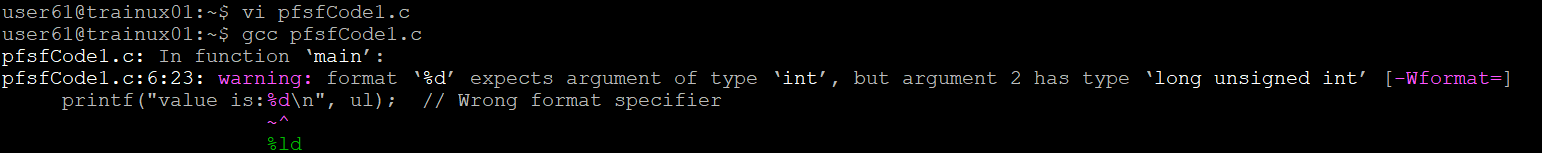
printf("value is:%d\n", ul); // Wrong format specifier

return 0;

}

A computer screen with numbers and letters

Description automatically generated



Corrected Code :

A computer screen with a number and text

Description automatically generated

A screenshot of a computer

Description automatically generated