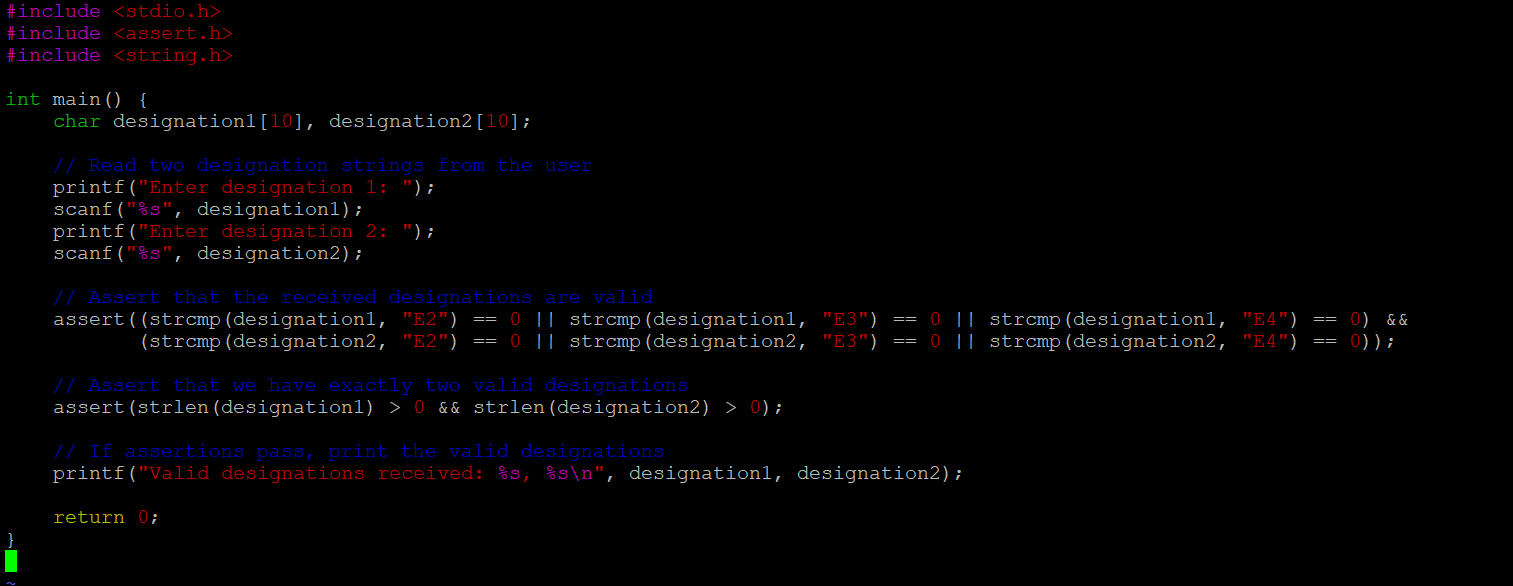
**Error Detection and Handling assignments**

1. WAP to read atleast 2 designation strings from the user. Using assert validate

i. Count of received designation strings

ii. Value of each string as one of {“E2”, “E3”, “E4”}

Failure of any of tested condition in i) or ii) should terminate program. On success should display the received valid designations



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Description automatically generated

2. Refer the code below. Modify code to use assert instead of if else. Add main and invoke function() and test it

void function(int x)

{

float fx;

if (x==0)

{

printf("Division by Zero is not allowed");

fprintf(stderr, "Division by zero! Exiting...\n");

exit(EXIT\_FAILURE);

}

else

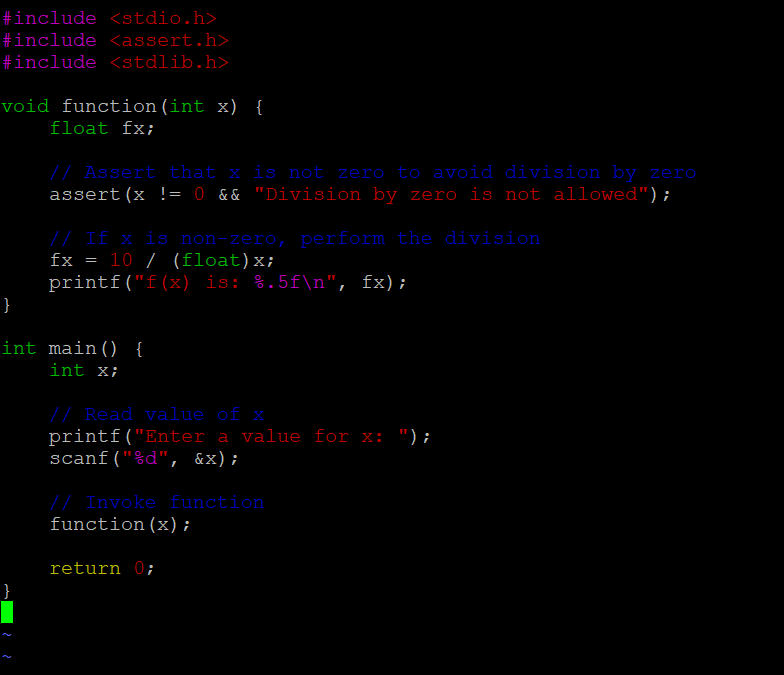
{

fx = 10 / x;

printf("f(x) is: %.5f", fx);

}

}



A screenshot of a computer

Description automatically generated