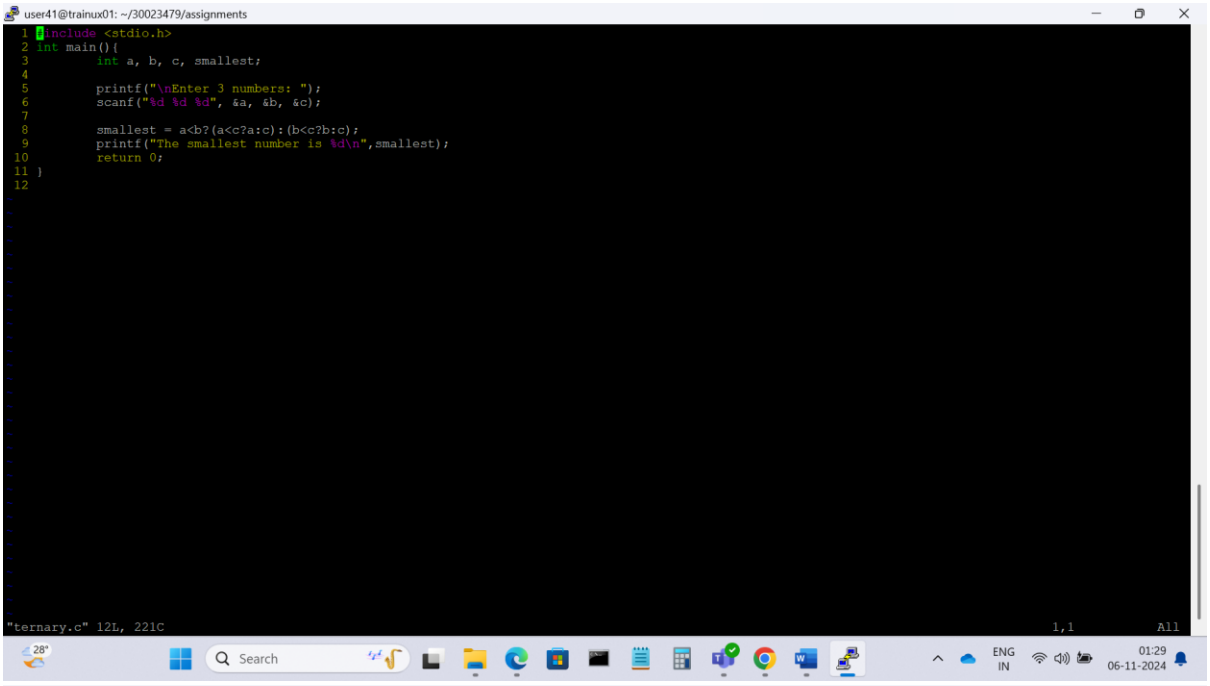
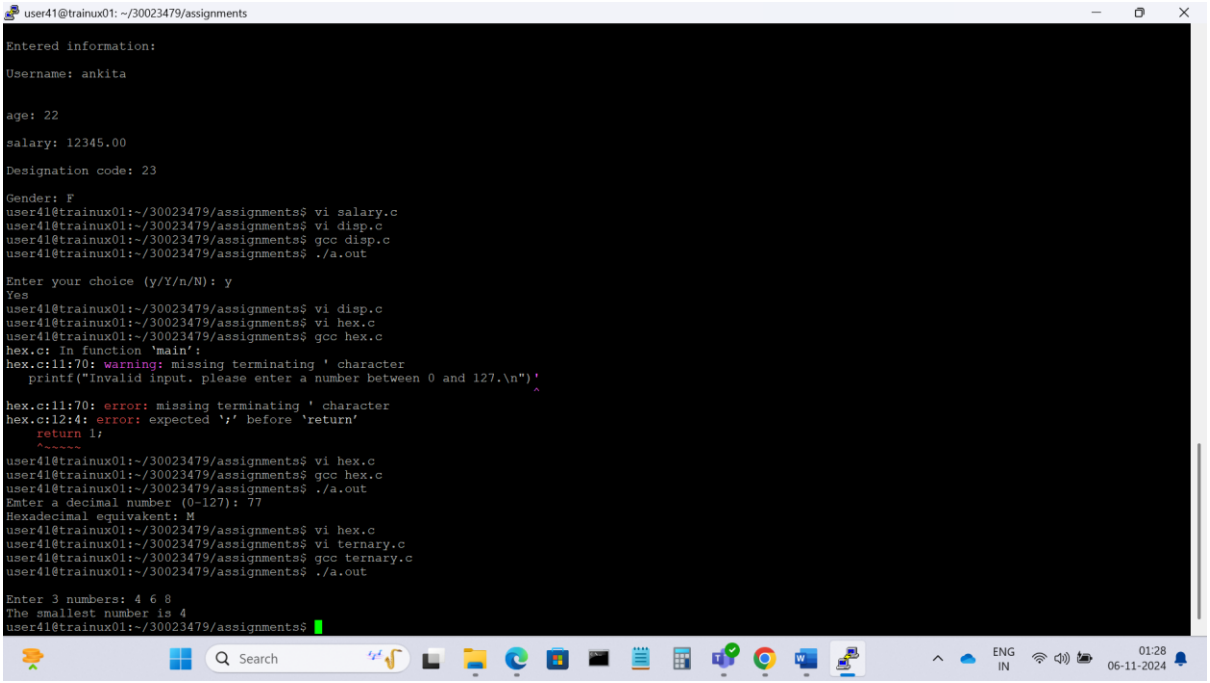
If else Switch case Ternary Assignment

1. Using ternary operator compare 3 numbers and display the smallest number

Ans:

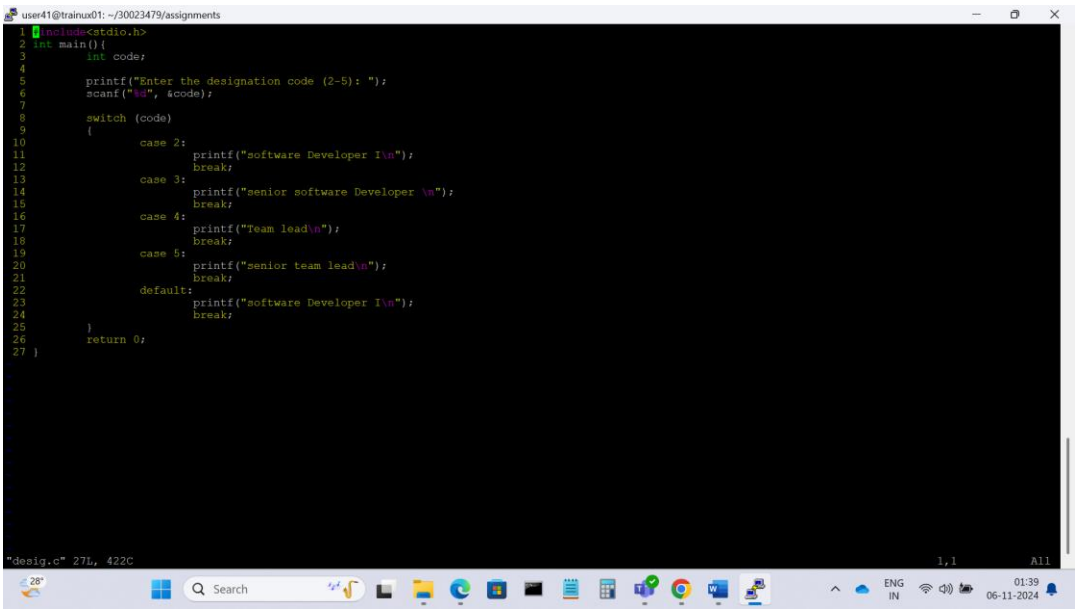


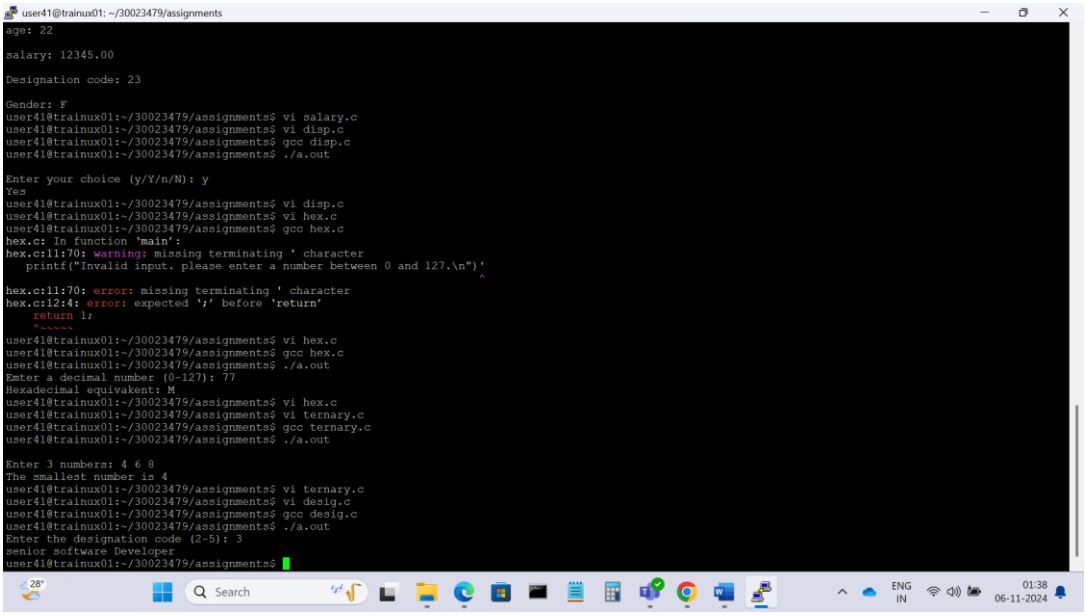


2. WAP to read a designation code and display his designation as a string. Use the following mapping.
   - 2 – Software Developer
   - 3 – Senior Software Developer
   - 4 – Team Lead
   - 5 – Senior Team Lead

anyother value – incorrect designation code

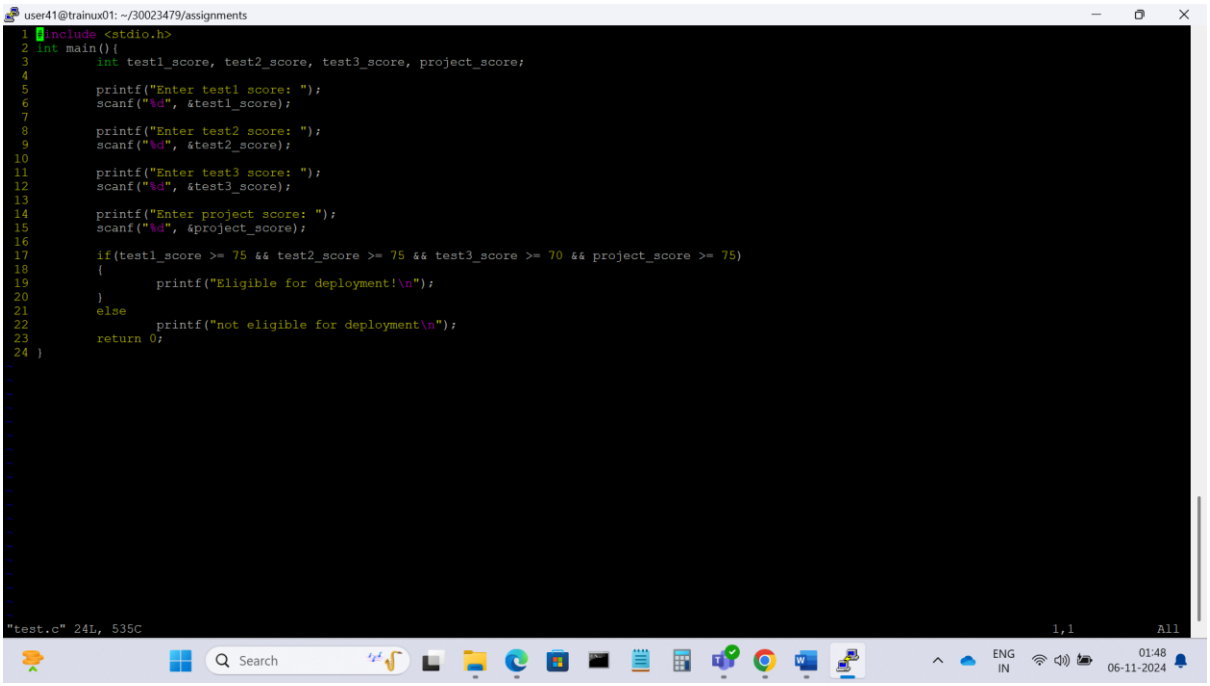
Ans:

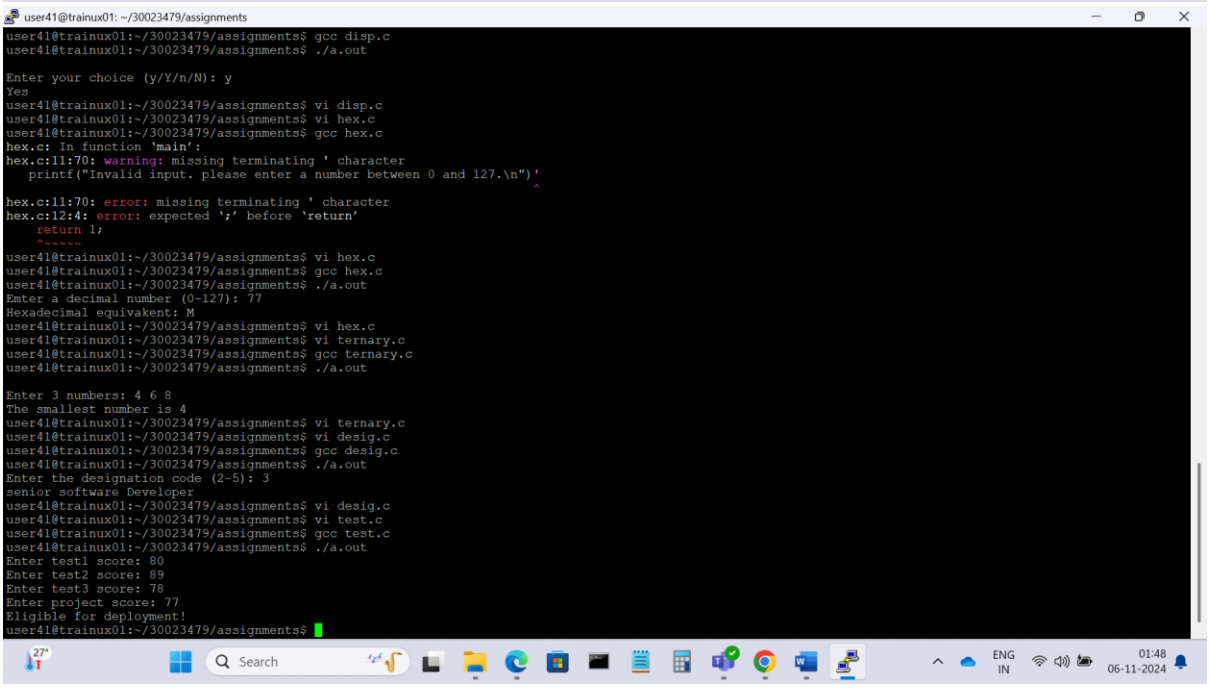




3. WAP to test the eligibility for deployment post training. Need to fulfill all the 4 conditions. Read the score inputs from user at runtime. (Use if else and switch together).
    i. Test1 Score >= 75%
    ii. Test2 Score >= 75%
    iii. Test3 Score >= 70%
    iv. Project Score >=75%

Ans:


user41@trainux01: ~/30023479/assignments
#include <stdio.h>
int main(){
int test1_score, test2_score, test3_score, project_score;
printf("Enter test1 score: ");
scanf("%d", &test1_score);
printf("Enter test2 score: ");
scanf("%d", &test2_score);
printf("Enter test3 score: ");
scanf("%d", &test3_score);
printf("Enter project score: ");
scanf("%d", &project_score);
if(test1_score >= 75 && test2_score >= 75 && test3_score >= 70 && project_score >= 75)
{
printf("Eligible for deployment!\n");
}
else
printf("not eligible for deployment\n");
return 0;
}
"test.c" 24L, 535C
1,1
All
Search
ENG
IN
01:48
06-11-2024


user41@trainux01: ~/30023479/assignments
user41@trainux01:~/30023479/assignments$ gcc disp.c
user41@trainux01:~/30023479/assignments$ ./a.out
Enter your choice (y/Y/n/N): y
Yes
user41@trainux01:~/30023479/assignments$ vi disp.c
user41@trainux01:~/30023479/assignments$ vi hex.c
user41@trainux01:~/30023479/assignments$ gcc hex.c
hex.c: In function 'main':
hex.c:11:70: warning: missing terminating ' character
printf("Invalid input. please enter a number between 0 and 127.\n")'
^
hex.c:11:70: error: missing terminating ' character
hex.c:12:4: error: expected ';' before 'return'
return 1;
^~~~~~
user41@trainux01:~/30023479/assignments$ vi hex.c
user41@trainux01:~/30023479/assignments$ gcc hex.c
user41@trainux01:~/30023479/assignments$ ./a.out
Emter a decimal number (0-127): 77
Hexadecimal equivakent: M
user41@trainux01:~/30023479/assignments$ vi hex.c
user41@trainux01:~/30023479/assignments$ vi ternary.c
user41@trainux01:~/30023479/assignments$ gcc ternary.c
user41@trainux01:~/30023479/assignments$ ./a.out
Enter 3 numbers: 4 6 8
The smallest number is 4
user41@trainux01:~/30023479/assignments$ vi ternary.c
user41@trainux01:~/30023479/assignments$ vi desig.c
user41@trainux01:~/30023479/assignments$ gcc desig.c
user41@trainux01:~/30023479/assignments$ ./a.out
Enter the designation code (2-5): 3
senior software Developer
user41@trainux01:~/30023479/assignments$ vi desig.c
user41@trainux01:~/30023479/assignments$ vi test.c
user41@trainux01:~/30023479/assignments$ gcc test.c
user41@trainux01:~/30023479/assignments$ ./a.out
Enter test1 score: 80
Enter test2 score: 89
Enter test3 score: 78
Enter project score: 77
Eligible for deployment!
user41@trainux01:~/30023479/assignments$
27°
Search
ENG
IN
01:48
06-11-2024