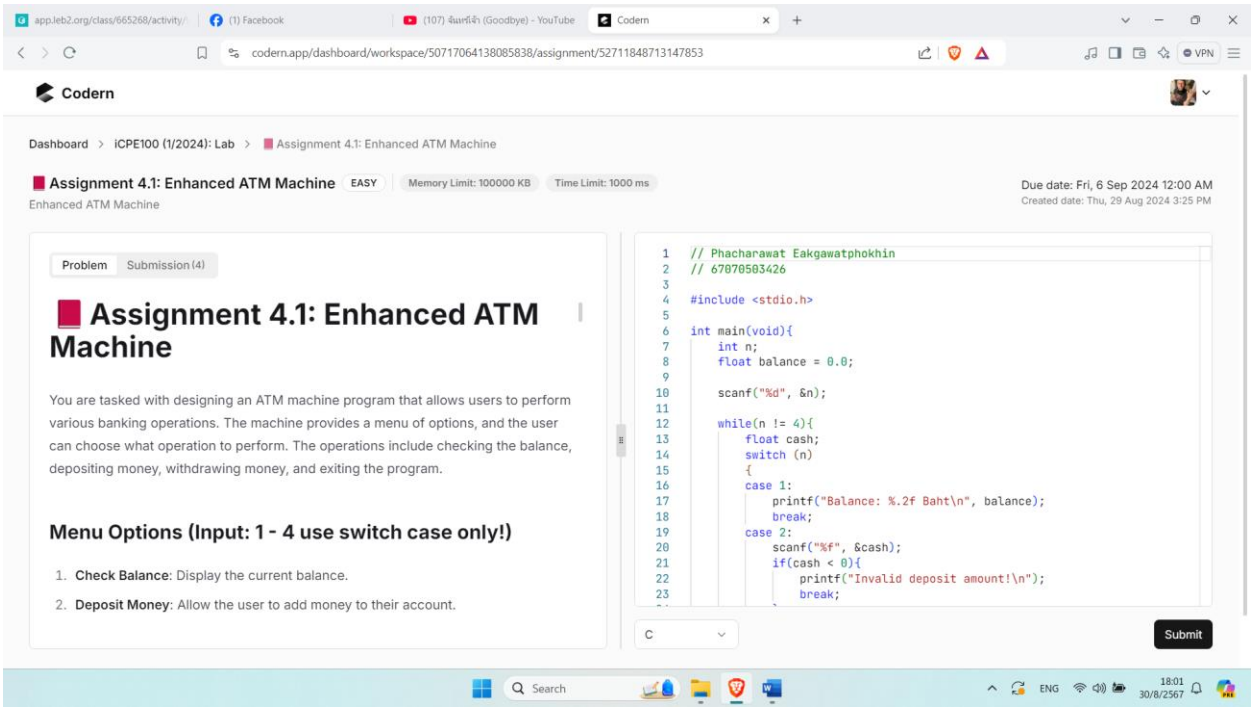
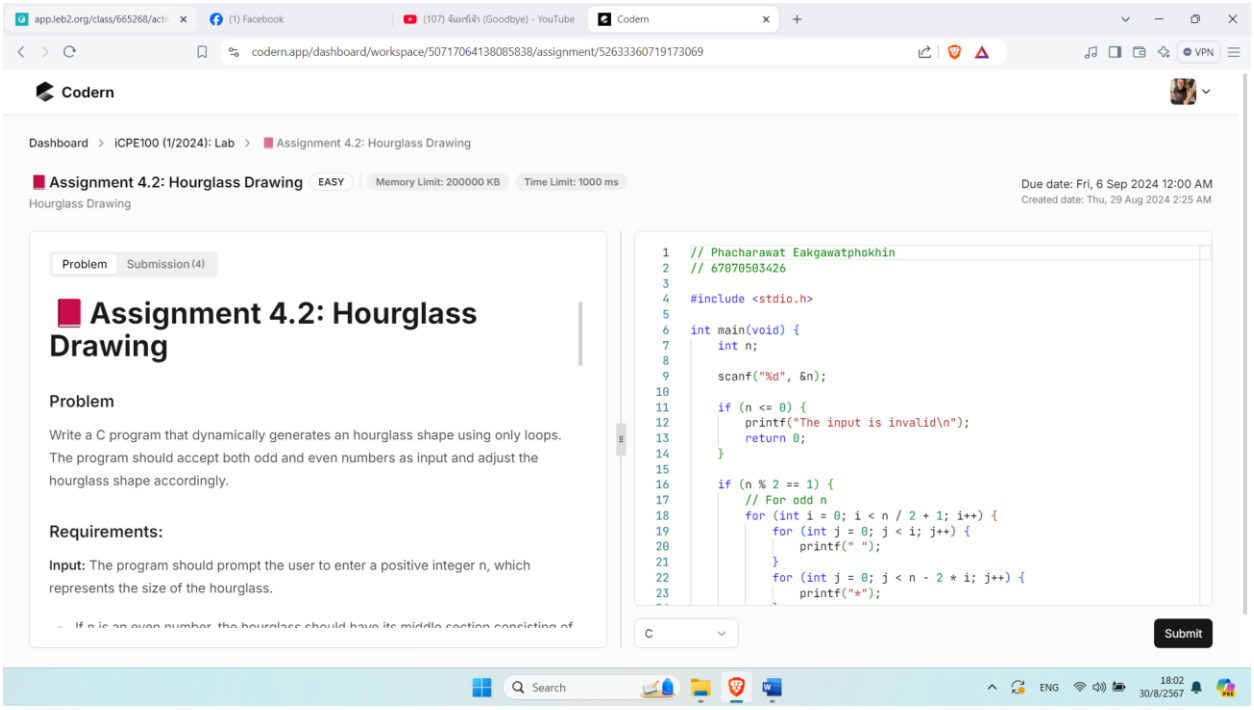

codern.app/dashboard/workspace/50717064138085838/assignment/52711848713147853
Codern
Dashboard > iCPE100 (1/2024): Lab > Assignment 4.1: Enhanced ATM Machine
Assignment 4.1: Enhanced ATM Machine
EASY
Memory Limit: 100000 KB
Time Limit: 1000 ms
Enhanced ATM Machine
Due date: Fri, 6 Sep 2024 12:00 AM
Created date: Thu, 29 Aug 2024 3:25 PM
Problem
Submission (4)
Assignment 4.1: Enhanced ATM Machine
You are tasked with designing an ATM machine program that allows users to perform various banking operations. The machine provides a menu of options, and the user can choose what operation to perform. The operations include checking the balance, depositing money, withdrawing money, and exiting the program.
Menu Options (Input: 1 - 4 use switch case only!)
1. Check Balance: Display the current balance.
2. Deposit Money: Allow the user to add money to their account.
// Phacharawat Eakgawatphokhin
// 67070503426
#include <stdio.h>
int main(void){
int n;
float balance = 0.0;
scanf("%d", &n);
while(n != 4){
float cash;
switch (n)
{
case 1:
printf("Balance: %.2f Baht\n", balance);
break;
case 2:
scanf("%f", &cash);
if(cash < 0){
printf("Invalid deposit amount!\n");
break;
C
Submit
Search
ENG
18:01
30/8/2567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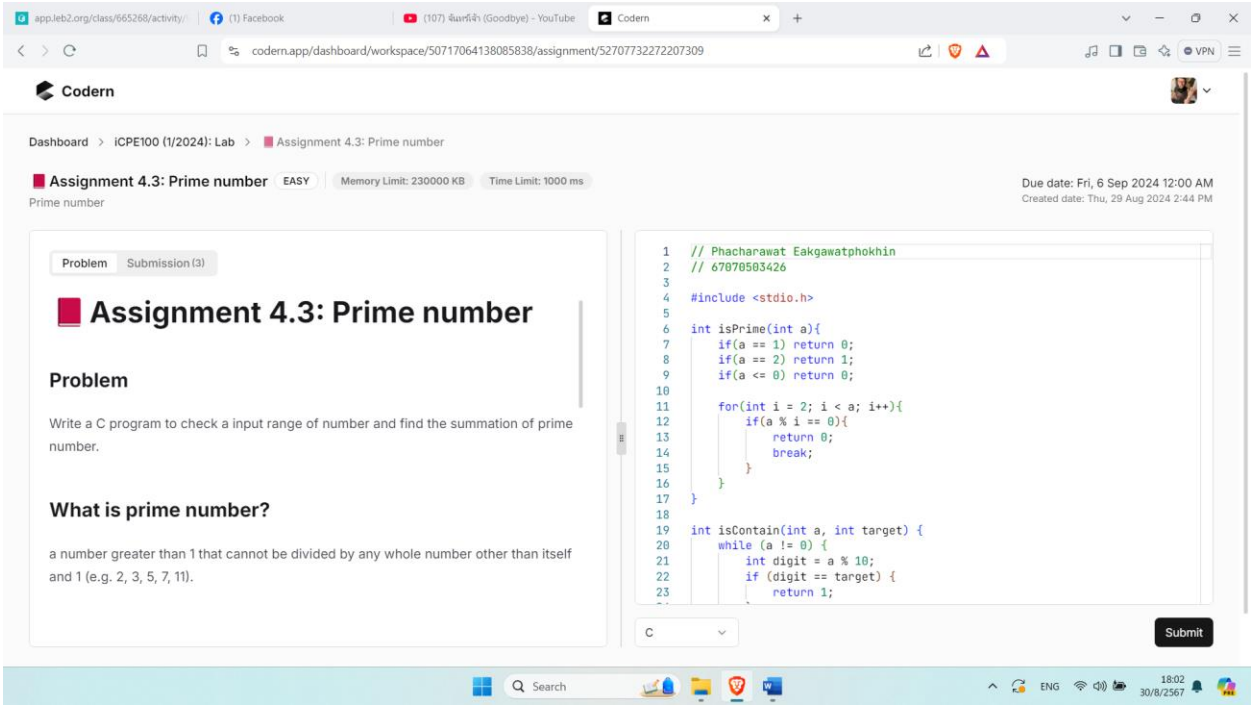
Codern
Dashboard > iCPE100 (1/2024): Lab > Assignment 4.2: Hourglass Drawing
Assignment 4.2: Hourglass Drawing
EASY
Memory Limit: 200000 KB
Time Limit: 1000 ms
Hourglass Drawing
Due date: Fri, 6 Sep 2024 12:00 AM
Created date: Thu, 29 Aug 2024 2:25 AM
Problem
Submission (4)
Assignment 4.2: Hourglass Drawing
Problem
Write a C program that dynamically generates an hourglass shape using only loops. The program should accept both odd and even numbers as input and adjust the hourglass shape accordingly.
Requirements:
Input: The program should prompt the user to enter a positive integer n, which represents the size of the hourglass.
// Phacharawat Eakgawatphokhin
// 67070503426
#include <stdio.h>
int main(void) {
int n;
scanf("%d", &n);
if (n <= 0) {
printf("The input is invalid\n");
return 0;
}
if (n % 2 == 1) {
// For odd n
for (int i = 0; i < n / 2 + 1; i++) {
for (int j = 0; j < i; j++) {
printf(" ");
}
for (int j = 0; j < n - 2 * i; j++) {
printf("*");
C
Submit
Search
ENG
18:02
30/8/2567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Codern
Dashboard > iCPE100 (1/2024): Lab > Assignment 4.3: Prime number
Assignment 4.3: Prime number
EASY
Memory Limit: 230000 KB
Time Limit: 1000 ms
Prime number
Due date: Fri, 6 Sep 2024 12:00 AM
Created date: Thu, 29 Aug 2024 2:44 PM
Problem
Submission (3)
Assignment 4.3: Prime number
Problem
Write a C program to check a input range of number and find the summation of prime number.
What is prime number?
a number greater than 1 that cannot be divided by any whole number other than itself and 1 (e.g. 2, 3, 5, 7, 11).
// Phacharawat Eakgawatphokhin
// 67070503426
#include <stdio.h>
int isPrime(int a){
if(a == 1) return 0;
if(a == 2) return 1;
if(a <= 0) return 0;
for(int i = 2; i < a; i++){
if(a % i == 0){
return 0;
break;
}
}
}
int isContain(int a, int target) {
while (a != 0) {
int digit = a % 10;
if (digit == target) {
return 1;
C
Submit
Search
ENG
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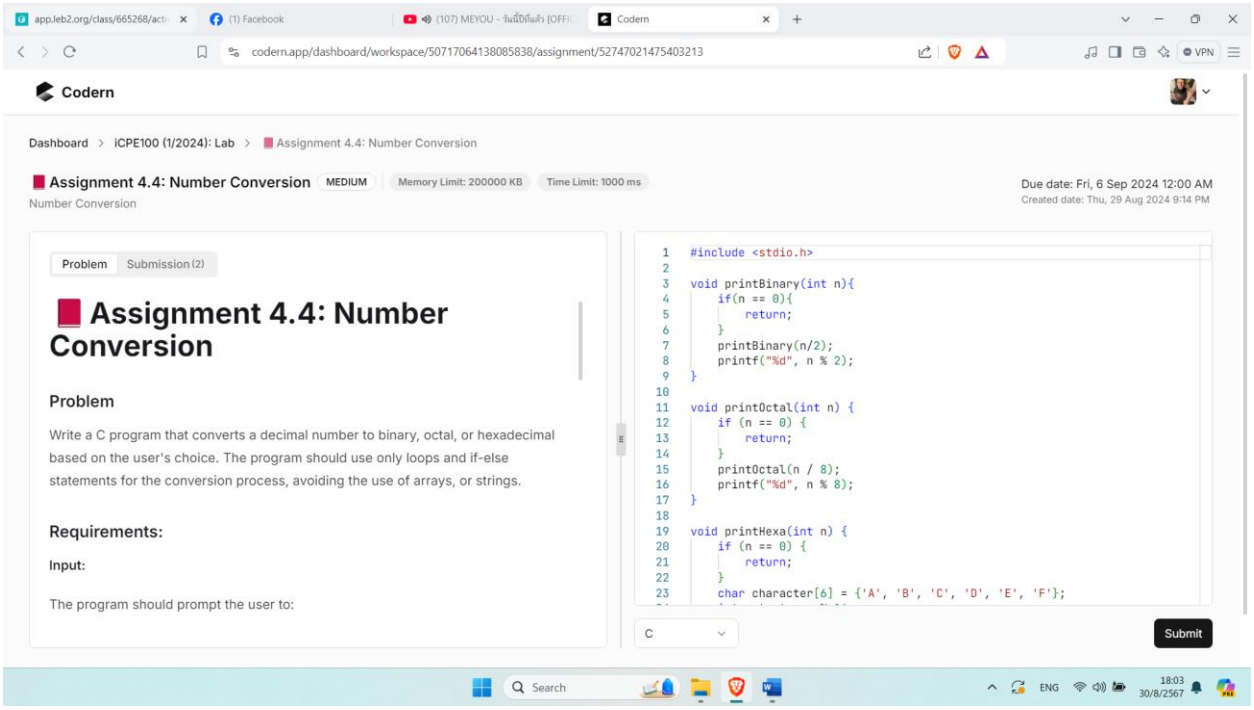
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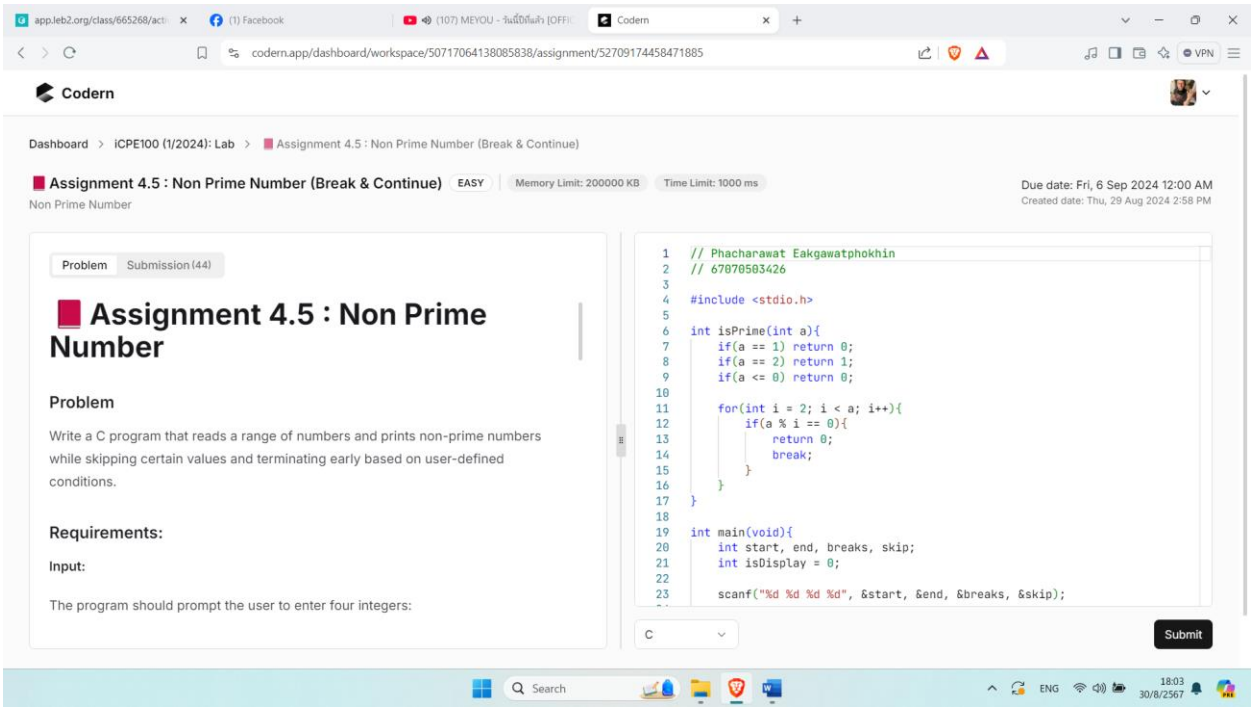
Codern
Dashboard > iCPE100 (1/2024): Lab > Assignment 4.4: Number Conversion
Assignment 4.4: Number Conversion
MEDIUM
Memory Limit: 200000 KB
Time Limit: 1000 ms
Number Conversion
Due date: Fri, 6 Sep 2024 12:00 AM
Created date: Thu, 29 Aug 2024 9:14 PM
Problem
Submission (2)
Assignment 4.4: Number Conversion
Problem
Write a C program that converts a decimal number to binary, octal, or hexadecimal based on the user's choice. The program should use only loops and if-else statements for the conversion process, avoiding the use of arrays, or strings.
Requirements:
Input:
The program should prompt the user to:
#include <stdio.h>
void printBinary(int n){
if(n == 0){
return;
}
printBinary(n/2);
printf("%d", n % 2);
}
void printOctal(int n) {
if (n == 0) {
return;
}
printOctal(n / 8);
printf("%d", n % 8);
}
void printHexa(int n) {
if (n == 0) {
return;
}
char character[6] = {'A', 'B', 'C', 'D', 'E', 'F'};
C
Submit
Search
ENG
18:03
30/8/2567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VPN
Codern
Dashboard > iCPE100 (1/2024): Lab > Assignment 4.5 : Non Prime Number (Break & Continue)
Assignment 4.5 : Non Prime Number (Break & Continue)
EASY
Memory Limit: 200000 KB
Time Limit: 1000 ms
Non Prime Number
Due date: Fri, 6 Sep 2024 12:00 AM
Created date: Thu, 29 Aug 2024 2:58 PM
Problem
Submission (44)
Assignment 4.5 : Non Prime Number
Problem
Write a C program that reads a range of numbers and prints non-prime numbers while skipping certain values and terminating early based on user-defined conditions.
Requirements:
Input:
The program should prompt the user to enter four integers:
1 // Phacharawat Eakgawatphokhin
2 // 67070503426
3
4 #include <stdio.h>
5
6 int isPrime(int a){
7 if(a == 1) return 0;
8 if(a == 2) return 1;
9 if(a <= 0) return 0;
10
11 for(int i = 2; i < a; i++){
12 if(a % i == 0){
13 return 0;
14 break;
15 }
16 }
17 }
18
19 int main(void){
20 int start, end, breaks, skip;
21 int isDisplay = 0;
22
23 scanf("%d %d %d %d", &start, &end, &breaks, &skip);
C
Submit
Search
ENG
18:03
30/8/2567