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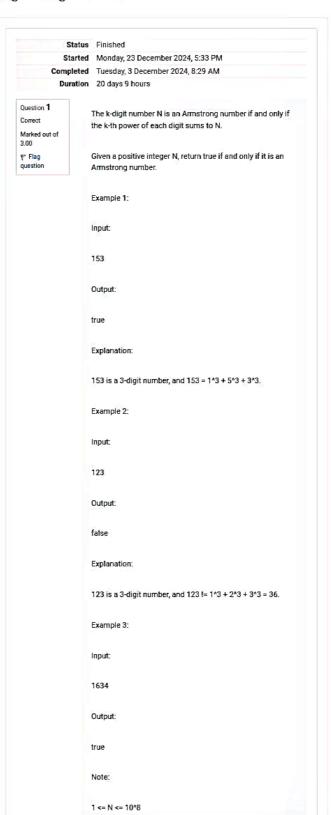




REC-CIS

## GE23131-Programming Using C-2024

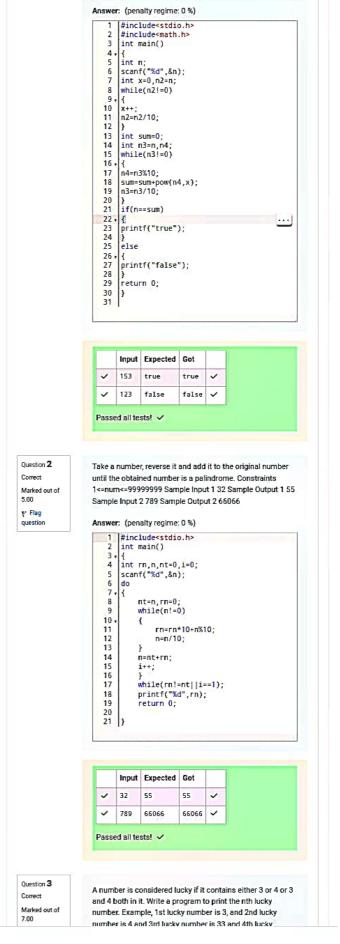








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Question 3 A number is considered lucky if it contains either 3 or 4 or 3 Correct and 4 both in it. Write a program to print the nth lucky Marked out of number. Example, 1st lucky number is 3, and 2nd lucky 7.00 number is 4 and 3rd lucky number is 33 and 4th lucky F Flag question number is 34 and so on. Note that 13, 40 etc., are not lucky as they have other numbers in it. The program should accept a number 'n' as input and display the nth lucky number as output. Sample Input 1: Sample Output 1: 33 Explanation: Here the lucky numbers are 3, 4, 33, 34., and the 3rd lucky number is 33. Sample Input 2: 34 Sample Output 2: 33344 Answer: (penalty regime: 0 %) #include<stdio.h> int main() 3 4 5 6 7 8 9 10 11 12 int n=1,i=0,nt,co=0,e;
scanf("%d",&e);
while(i<e)
{</pre> nt=n; while(nt!=0) co=0; if(nt %10!=3 && nt%10!=4) 13 14 15 16 17 co=1; break; } nt=nt/10; 18 19 20 21 if(co==0) 21 v 22 23 24 25 26 27 28 } i++; printf("%d",--n); return 0; Input Expected Got ✓ 34 33344 33344 🗸



Passed all tests! 🗸



Finish review