22. Write a program to convert Decimal number to an Octal number using any high level language.

PROGRAM:

// C program to convert decimal

// number to octal number

#include <stdio.h>

// function to convert decimal to octal

void decToOctal(int n)

{

// array to store octal number

int octalNum[100];

// counter for octal number array

int i = 0;

while (n != 0) {

// storing remainder in octal array

octalNum[i] = n % 8;

n = n / 8;

i++;

}

// printing octal number array in reverse order

for (int j = i - 1; j >= 0; j--)

printf("%d", octalNum[j]);

}

// Driver Code

int main()

{

int n = 33;

// Function Call

decToOctal(n);

return 0;

}

OUTPUT:

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