EXPERIMENT 22

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

CODE:

#include <stdio.h>

int main()

{

int octalNumber[10], number, i, j;

printf("\n Please Enter the Number You want to Convert : ");

scanf("%d", &number);

for(i = 0; number > 0; i++)

{

octalNumber[i] = number % 8;

number = number / 8;

}

printf("\n Octal Number of a Given Number = ");

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

{

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

}

return 0;

}

OUTPUT

