**C code for decimal to octal converter**

#include<stdio.h>

int main(){

  long int decimalNumber,remainder,quotient;

  int octalNumber[100],i=1,j;

  printf("Enter any decimal number: ");

  scanf("%ld",&decimalNumber);

  quotient = decimalNumber;

  while(quotient!=0){

      octalNumber[i++]= quotient % 8;

      quotient = quotient / 8;

  }

  printf("Equivalent octal value of decimal number %d: ",decimalNumber);

  for(j = i -1 ;j> 0;j--)

      printf("%d",octalNumber[j]);

  return 0;

}

**Sample output:**

Enter any decimal number: 50

Equivalent octal value of decimal number 50: 62