

Dec to oct

```
#include <stdio.h>

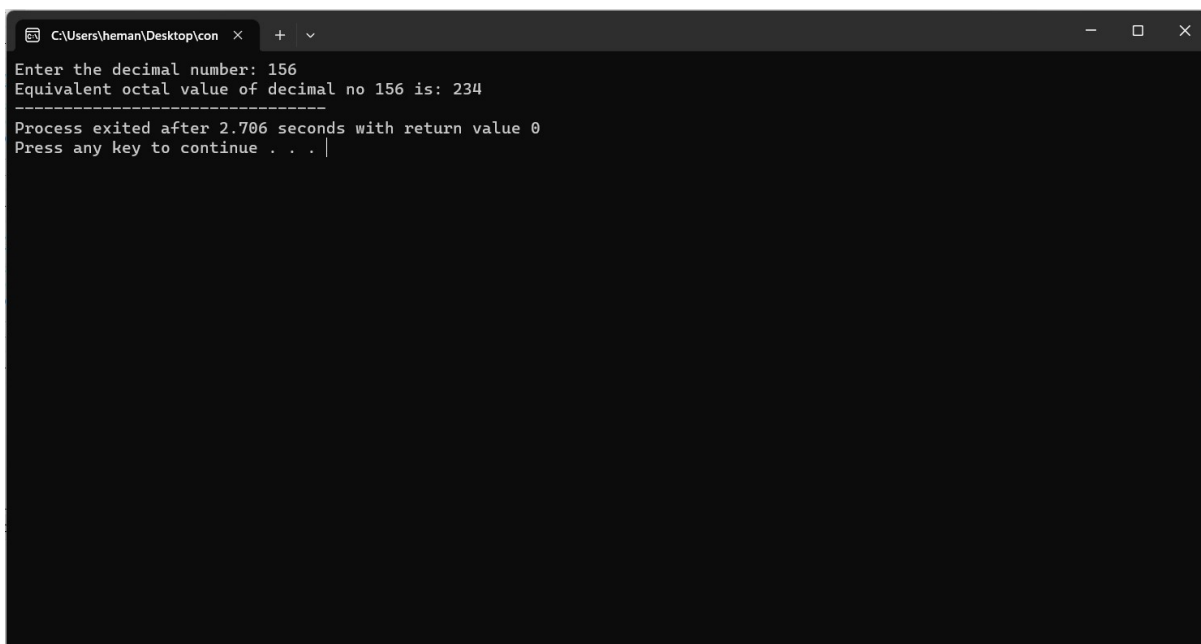
int main()
{
    long decimalnum, remainder, quotient, octalnum=0;
    int octalNumber[100], i = 1, j;

    printf("Enter the decimal number: ");
    scanf("%ld", &decimalnum);
    quotient = decimalnum;

    //Storing remainders until number is equal to zero
    while (quotient != 0)
    {
        octalNumber[i++] = quotient % 8;
        quotient = quotient / 8;
    }

    //Converting stored remainder values in corresponding octal number
    for (j = i - 1; j > 0; j--)
        octalnum = octalnum*10 + octalNumber[j];
    printf("Equivalent octal value of decimal no %d is: %d ", decimalnum, octalnum);
    return 0;
}
```

Output



```
C:\Users\heman\Desktop\con x + v
Enter the decimal number: 156
Equivalent octal value of decimal no 156 is: 234
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Process exited after 2.706 seconds with return value 0
Press any key to continue . . . |
```