

```

1:  /*-----Octal to Decimal-----*/
2:
3:  #include<iostream>
4:  #include<cmath>
5:  using namespace std;
6:
7:  octToDeci(int n)
8:  {
9:      int digit;
10:     int decimal = 0;
11:     int i = 0;
12:
13:     while(n > 0)
14:     {
15:         digit = n % 10;
16:         decimal += (pow(8, i) * digit);
17:         n /= 10;
18:         i++;
19:     }
20:
21:     cout << decimal;
22: }
23:
24: int main()
25: {
26:     int n;
27:     cout << "Enter your number: \n";
28:     cin >> n;
29:
30:     cout << "Decimal representation of " << n << " is ";
31:     octToDeci(n);
32:
33:     return 0;
34: }

```