Convert Octal to Decimal
EXP NO 30

PROGRAM:

```c
#include<stdio.h>
#include<math.h>
int OctalToDecimal(int n) {
   int p = 0, decimal = 0, r;
     while(n>0){
         // retrieving the right-most digit of n
      r = n % 10;
        // dividing n by 10 to remove the
       // right-most digits since it is already
       // scanned in previous step
       n = n / 10;
       decimal = decimal + r * pow( 8 , p );
       ++p;
       }
   return decimal;

}
int main() {
   int n, i, k;
   printf("Enter Octal: ");
   scanf("%d", &n);
   printf("\nDecimal of Octal Number %d is : %d", n, OctalToDecimal(n));
   return 0;
}
```


INPUT & OUTPUT:

```
Enter Octal: 1098

Decimal of Octal Number 1098 is : 592
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Process exited after 48.42 seconds with return value 0
Press any key to continue . . .
```

RESULT: Thus the program was executed successfully using DevC++.