**Expt 1 : Convert Decimal to Octal using CPP Date: 11/1/2013**

#include<iostream.h>

#include<stdio.h>

#include<conio.h>

int main()

{

clrscr();

long dec, rem, sum=0, i=1;

cout <<"enter positive number";

cin>>dec;

do

{

rem=dec%8;

sum=sum+(i\*rem);

dec=dec/8;

i=i\*10;

}

while(dec>0);

cout<<"octal value is"<<sum<<endl;

cin.get();

cin.get();

return 0;

}

**Output:**

enter positive number 10

octal value is 12

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