Sum of N natural numbers

```c
int sum(int n)
{
    if(n==0)
        return 0;
    return sum(n-1)+n;
}

int Isum(int n)
{
    int s=0,i;
        for(i=1;i<=n;i++)
                s=s+i;

    return s;

}
int main()
{
    int r=sum(5);
    printf("%d ",r);

    return 0;
}
```