



$$\times \left(1 - \chi^{3}, \left(1 - \frac{2*4}{3}, \left(1 - \frac{2*4$$

first evaluation then calling here we do tail recursion (not exactly but last is call then returning

long double sine(long double x, int n)

```
static long double result = 1;
if (n == 1)
{
   return x;
}
```

 $result = result*(-1)*x^2/(n(n-1)) + 1$