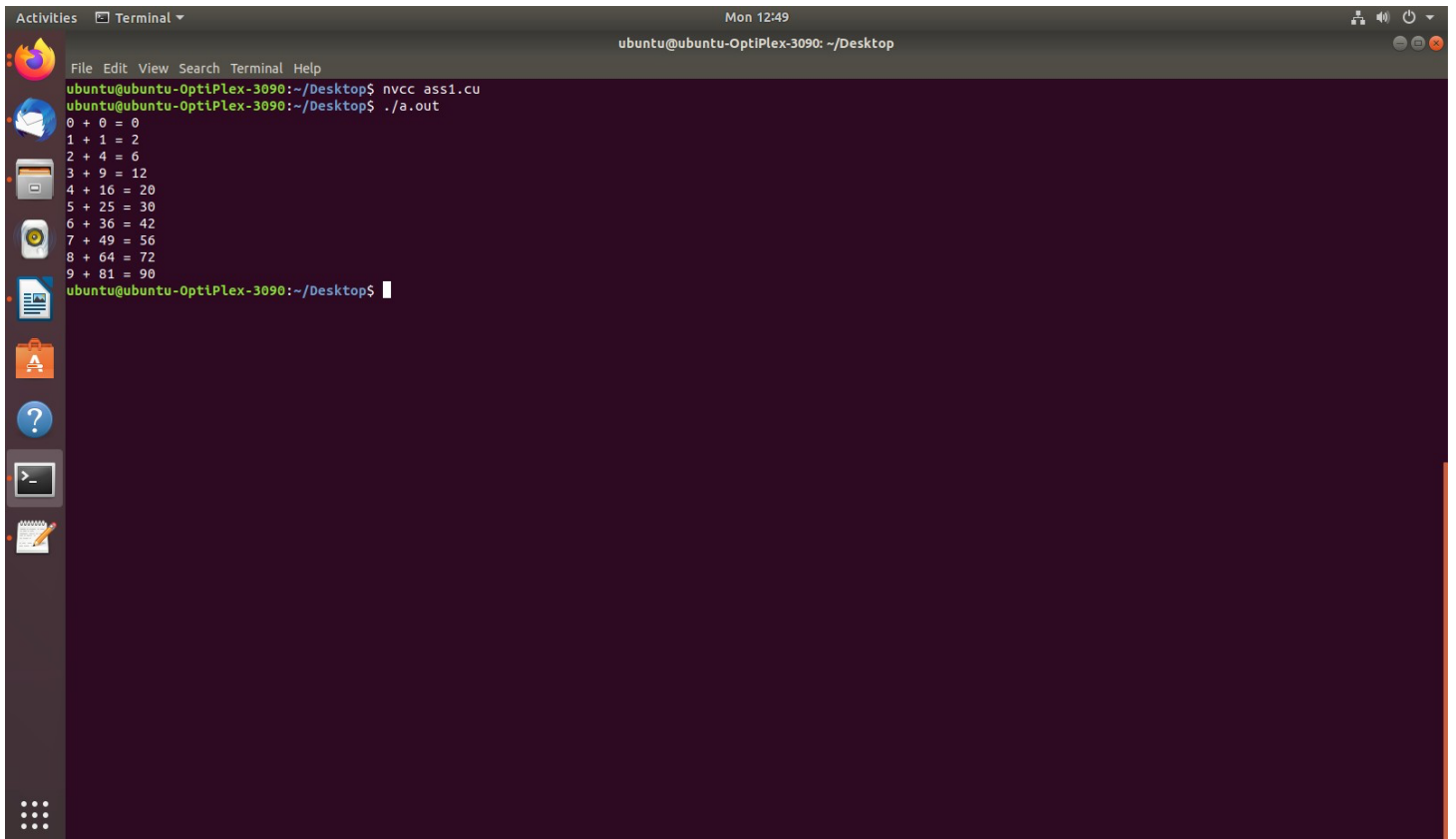```c
#include "stdio.h"
#include "math.h"
#define N 10
void add (int *a, int *b, int *c)
{
    int tid = 0;
    while (tid < N)
    {
        c[tid] = a[tid] + b[tid];
        tid += 1;
    }
}

int main(void)
{
    int a[N], b[N], c[N];
    (int i=0; i<N; i++)
    {
        a [i] = i;
        b[i] = i * i; }
        add(a, b, c);
        for (int i=0; i<N; i++)
        {
            printf("%d + %d = %d\n", a[i], b[i], c[i]);
        }
    return 0;
}
```