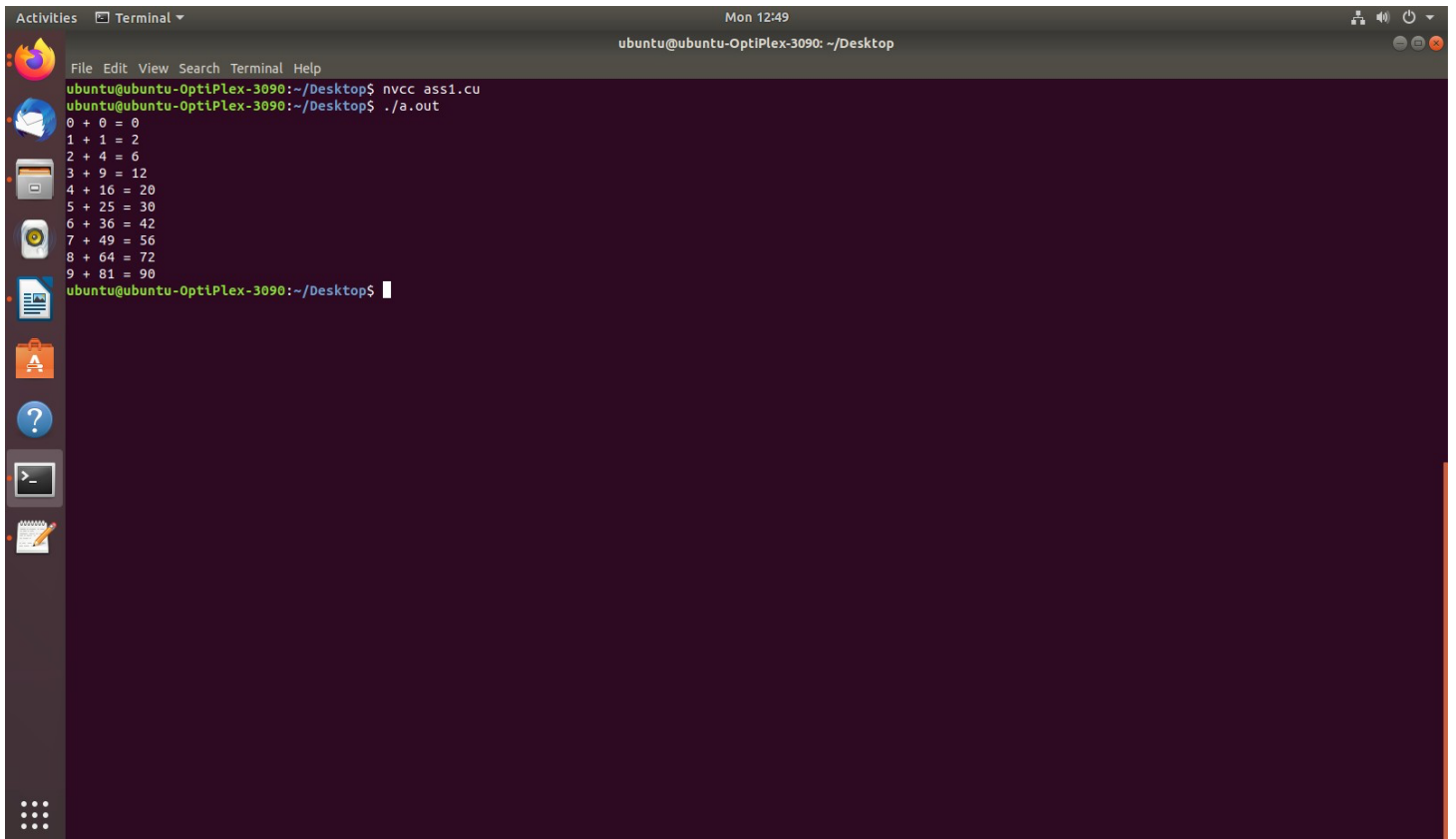


```
#include "stdio.h"
#include "math.h"
#define N 10
void add ( int *a, int *b, int *c )
{
    int tid = 0;
    while (tid < N)
    {
        c[tid] = a[tid] + b[tid];
        tid += 1;
    }
}

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;
}
```



```
Mon 12:49
ubuntu@ubuntu-OptiPlex-3090: ~/Desktop

File Edit View Search Terminal Help
ubuntu@ubuntu-OptiPlex-3090:~/Desktop$ nvcc ass1.cu
ubuntu@ubuntu-OptiPlex-3090:~/Desktop$ ./a.out
0 + 0 = 0
1 + 1 = 2
2 + 4 = 6
3 + 9 = 12
4 + 16 = 20
5 + 25 = 30
6 + 36 = 42
7 + 49 = 56
8 + 64 = 72
9 + 81 = 90
ubuntu@ubuntu-OptiPlex-3090:~/Desktop$
```