GPROF:

```
┌──(kali⊛kali)-[/media/…/Airline Reservation/CUT/code/src]
└─$ gprof ./a.out
Flat profile:

Each sample counts as 0.01 seconds.
 no time accumulated

  %   cumulative   self              self     total
 time   seconds   seconds    calls  Ts/call  Ts/call  name
 0.00      0.00      0.00       19     0.00     0.00  allocate_tickets
 0.00      0.00      0.00       14     0.00     0.00  insert_at_end
 0.00      0.00      0.00       12     0.00     0.00  create
 0.00      0.00      0.00       12     0.00     0.00  insert_flight
 0.00      0.00      0.00        1     0.00     0.00  create_flight_LL
 0.00      0.00      0.00        1     0.00     0.00  read_flight


 %         the percentage of the total running time of the
time       program used by this function.
```

```
                    Call graph (explanation follows)


granularity: each sample hit covers 2 byte(s) no time propagated

index % time    self  children    called     name
                0.00    0.00      19/19           read_customer_data [20]
[1]     0.0    0.00    0.00      19         allocate_tickets [1]
                0.00    0.00      14/14           insert_at_end [2]
-----------------------------------------------
                0.00    0.00      14/14           allocate_tickets [1]
[2]     0.0    0.00    0.00      14         insert_at_end [2]
-----------------------------------------------
                0.00    0.00      12/12           insert_flight [4]
[3]     0.0    0.00    0.00      12         create [3]
-----------------------------------------------
                0.00    0.00      12/12           read_flight [6]
[4]     0.0    0.00    0.00      12         insert_flight [4]
                0.00    0.00      12/12           create [3]
-----------------------------------------------
                0.00    0.00       1/1            main [18]
[5]     0.0    0.00    0.00       1         create_flight_LL [5]
-----------------------------------------------
```