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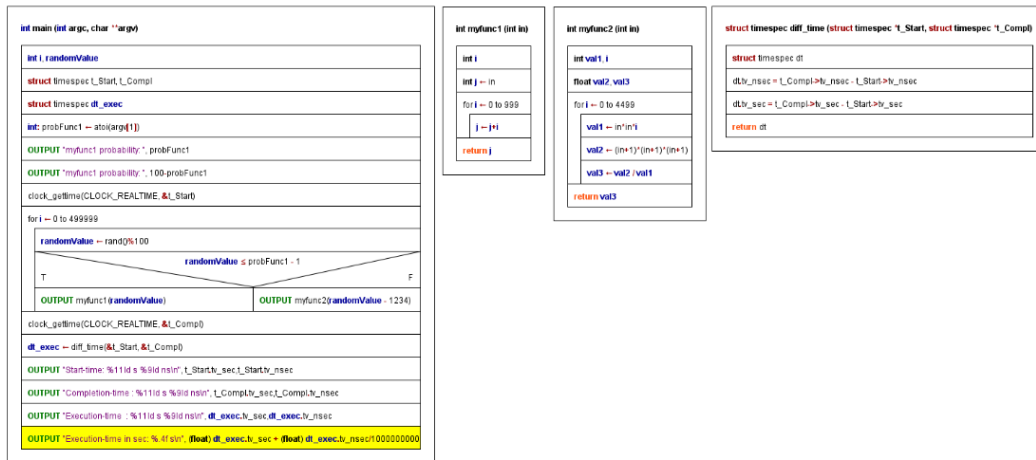**Matriculation number:** 1397466
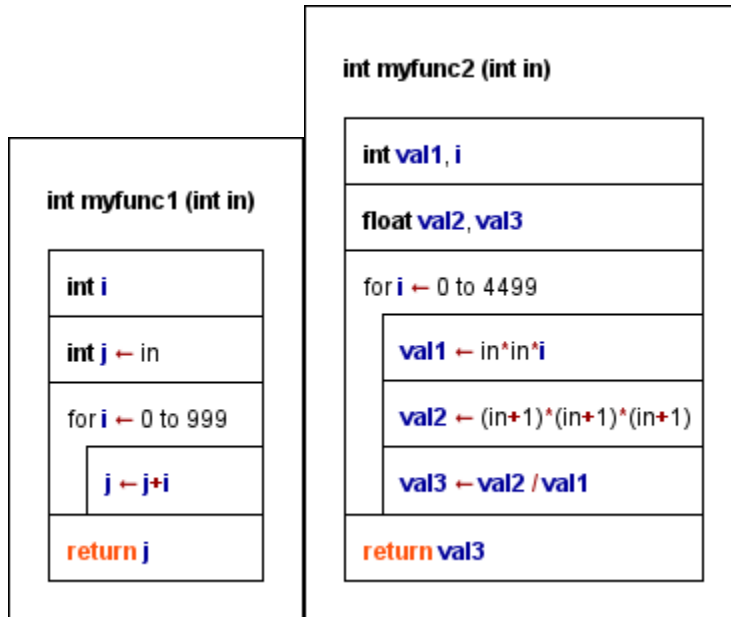
1. Overview

2. Main function

3. Func1, func2 function

int myfunc2 (int in)

int val1, i
float val2, val3

int myfunc1 (int in)

int i
int j ← in

for i ← 0 to 999
j ← j+i

return j

for i ← 0 to 4499
val1 ← in*in*i
val2 ← (in+1)*(in+1)*(in+1)
val3 ← val2 / val1

return val3

4. Diff_time function

struct timespec diff_time (struct timespec *t_Start, struct timespec *t_Compl)

struct timespec dt
dt.tv_nsec = t_Compl->tv_nsec - t_Start->tv_nsec
dt.tv_sec = t_Compl->tv_sec - t_Start->tv_sec
return dt