

SWE101 PROBLEM SOLVING IN SOFTWARE ENGINEERING

HOMework 1

STUDENT NAME SURNAME:

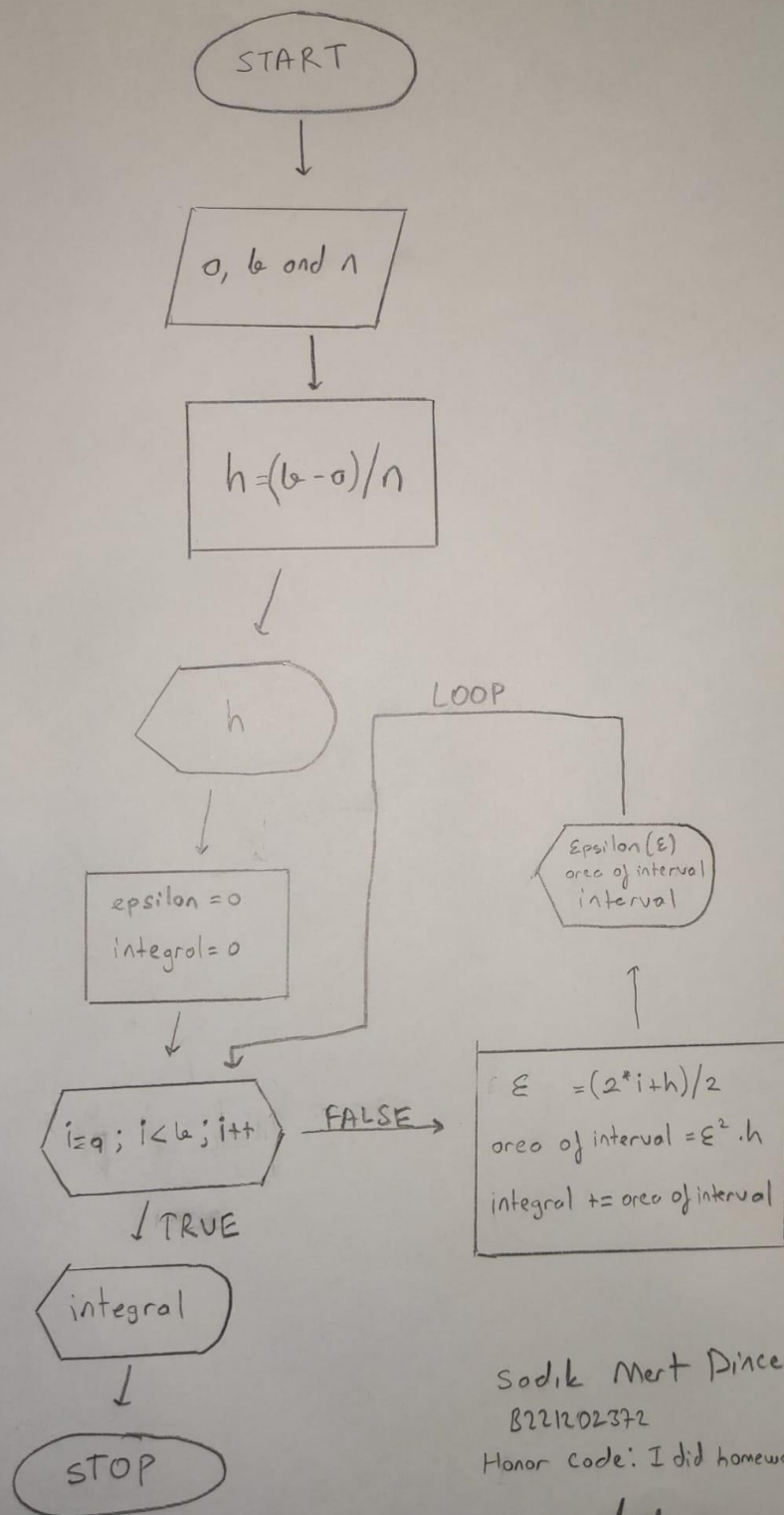
SADIK MERT DİNCEL

LECTURER:DR.GÜLİZAR ÇİT

STUDENT NUMBER:B221202372

HONOR CODE:I DID THE HOMEWORK
MYSELF.I DID NOT GET HELP FROM
ANYONE

FLOW CHART

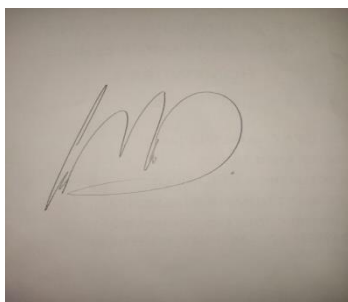


Sodik Mert Dince

B221202372

Honor code: I did homework myself

- 1) START
- 2) INPUT a, b, n
- 3) $h \leftarrow (b-a)/n$
- 4) $\text{epsilon} \leftarrow 0, \text{integral} \leftarrow 0$
- 5) $i \leftarrow a$
- 6) $\text{epsilon} \leftarrow ((2*i)+h)/2$
- 7) $\text{area of interval} \leftarrow ((\text{epsilon})^2)*h$
- 8) $\text{integral} += \text{area of interval}$
- 9) $i += 1$
- 10) IF $i < b$ then go to step 6
- 11) PRINT integral
- 12) STOP



SADIK MERT DİNCEL

B221202372

HONOR CODE : I DID HOMEWORK MYSELF