

National University of Computer and Emerging Sciences

Software Re-engineering (SE4001)

Date: May 8th 2024

Course Instructor(s)

Dr. Syed Muazzam Ali Shah

Retake - Quiz

Total Time: 30 minutes

Total Marks: 10

Total Questions: 01

Semester: SP-2024

Campus: Karachi

Dept: Software Engineering

Student Name

Roll No

Section

Student Signature

Q1: Perform data flow analysis by drawing a chart for the following source code.

```
s:=0
i:=0
n:=10
L1: t1 := a-b
    ifz t1 goto L2
    t2 := i*4
    s := s+t2
    goto L3
L2: s := s+i
L3: i := i+1
    t3 := n-i
    ifnz t3 goto L1
    t4 := a-b
```

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