Name: Umurzokov Bakhtishod

Neptun Code: 462 UF3

B1 Assignment. Jask 5: Oldest employee.

Specification.

Input: datalength EN

age [1... data Length] EIN

salary [1... dasalength] EW

Output: salary ForMarVal = 11V

Precondition: 14 data Length 4 100

V: (14 i 4 data Length): (14 age [i] 4 100)

Vi (14 i 4 data Length): (14 salary [i] 4 2000 000)

data Length

Postcondition: max/ndex = MAXIND (age [i])

and salary For Man Val = salary [maxIndep]

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Algorithm.

In: datalength,
age [], salary []

max Index:=1

i=2... datalength

Toge [] > age [max Index]

F

max Index:=i

salary For Map Val:= salary [max Index]

Out: salary For Max Val

Pattern

length (x) -> data Length

map Ind -> map Index L

x[3 -> age [3]

| max | nd: = 1 | i = 2 ... | length (r) | max | nd: = i