Payroll Flowchart

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Purpose: Payroll

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System Libraries
iostream (Input-Output Library)
iomanip (for Output Manipulation)
Standard Namespace

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User Libraries
none

↓

Global Constants
SIZE = 7

↓

Function Prototypes
none

↓

(main)

↓

(A)

(A)

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Declare and Initialize Variables Here
empId[] = {5658845, 4520125, 7895122, 8777541, 8451277, 1302850}
hours [SIZE]
payRate [SIZE]
wages[SIZE]

↓

Output
Information about what
program does

↓

(Page 2)

Page 2

Initialize the counter in the for loop

= 0

i < SIZE

True → **Output** empId[i]

False → **Page 3**

Output empId[i]

Prompt for Input hours [i]

True → **Output** empId[i]

hours [i]<0

False → **Output** empId[i]

Prompt for Input payRate[i]

payRate[i]<15.00

True → **Output** empId[i]

False → **Increment Counter** i++

Left Flowchart

Page 3

↓

Initialize the counter in the for loop

i = 0

↓

Increment Counter
i++

i < SIZE — True → **Process Calculations**
wages[i] = payRate[i] * hours[i]

False ↓

Format Output
fixed
setprecision(2)
showpoint

↓

B

Right Flowchart

B

↓

Initialize the counter in the for loop

i = 0

↓

Increment Counter
i++

i < SIZE — True → **Output**
empId[i]
wages[i]

False ↓

return 0
Exit from main