If - Else

Ordering voffee from a cafe:

uistoiner can ask: if you have coffee, then provide

customer can ask: if you have coffee, then provide it

It - Ele syntax

toue/false (boolean datatyse)

if (is where available 1) }

// score coffee

// score tea

3

Question 1

leinen integer age as input, print whether the person is eligible to vote or not?

(ode

Suntian 2

liver two integers A &B as input, print the larger. Note: A will not be equal to B

Suntien L - Part 2

AlB can be egnal a180.

else

=) 4 Both are equal 4

Suntion 3

Cliven a temporature of patient in faverheit an input, print whether free temp. is 1000, normal or high, normal: 98.2 to 98.8

i/p: 98.1 => 0/p: "low"
98.5 => 0/p: "normal"
99.3 => 0/p: "Lish"

if temp < 98.2 => "1000"

else if temp > 98.8 => "high"

else 2) "normel"

Operators

Division (/)

output datatype based on dividend & divisor datatype

- int/int int
- float/int > float
- int/float -> float
- froat/froat > froat
- long/int -> long
- double/floaf -> double

Multiplication (*)

- same as division
- jut * int -> jut
- int * long > long
- long * int -> 10 mg
- long + long long

int/froat an replaced

intling ar replacable

froat / double "

Moduto (%)

-> gives remainder when a is divided by b.

9906 = remainder when a is divided by 6.

$$7.73 = 1 (3^{12} + 1 = 7)$$

Suestion 4

linen an integer as input, print whether it is even or odd.

$$a1/2$$
 only has 2 values = $0/1$
a is even a is odd

Code

Question [

lucen an integer as input, print its last digit.

73 =>
$$(7 \times 10 + 3)$$
 % 10 = 3
65| => $(6 \times 100 + 5 \times 10 + 1)$ % 10 = 1

Code

Relational operators

Logical operators
operand datatype is boolean
of b is boolean

AND (22)

A	B	A LL B
T	Т	T
T	£	F
£	Т	f
F	F	f

OR (11)

A	В	A B
T	Т	Τ
T	£	T
£	T	T
F	F	F

Question 6

linea units of electricity consumed as integer input

A, print the bill amout.

$$i/p: 20 = 0/p: 20 \times 1 = 20$$

$$i/p$$
: 80 =) o/p : $50x1 + 30x2 = 50+60 = 110$

i/p: 5 => 0/p: "Buzz" 3 => "fizz" "fizz-Buzz"

https://www.scaler.com/topics/java/

online-java-compiler/?
snippet_slug=a5780059750cb04e74
a1