(It is not raining.) find Negation?

Let p : It is raining.

→ (¬p) = It is not raining.

not
and
or
implies.

whenever we define propositions
they are always without Connectives.
Connectives = which corresponds to
logical operation.

¬(¬p) = p ∴ ¬(¬p) : p.

p : It is raining.

the negation of "It is not raining"
is the statement "It is raining".

Sheryal.

the Question:- What time is it?
Is it a proposition =?

(x : y+3) = ? x : 2
y : -1

2 : -1 +3

2 : 2 : T.

Hamza
Zai.

① find the negation of
"It is raining".

Let p : It is raining.
¬p : It is not raining.

Shaib
Akhtar.

② find the negation of

(2) find the negation of

"It is not raining"

let p = It is raining.

$\neg p$ = It is not raining.

$\neg(\neg p)$ = It is raining ☆.

Philosophy.

1850 → DLD ⇒ Boolean logic.

old DM. ⇒ propositional logic.

?

Hashim

Hamza

Razik.

Muhammad.

Taimoor

? X ?

— X A, B, C, D. { }.

What time is it?

Let p = what time is it? X.

Let p = ?

$\neg p$ = ?

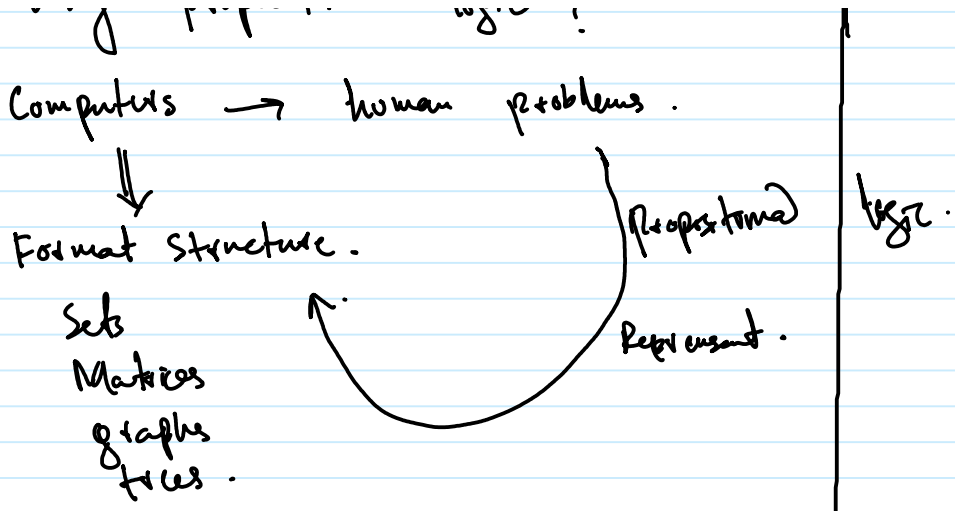
$\neg(\neg p)$ = ?

$\sim p$ = ?

$\neg(p)$ = ?

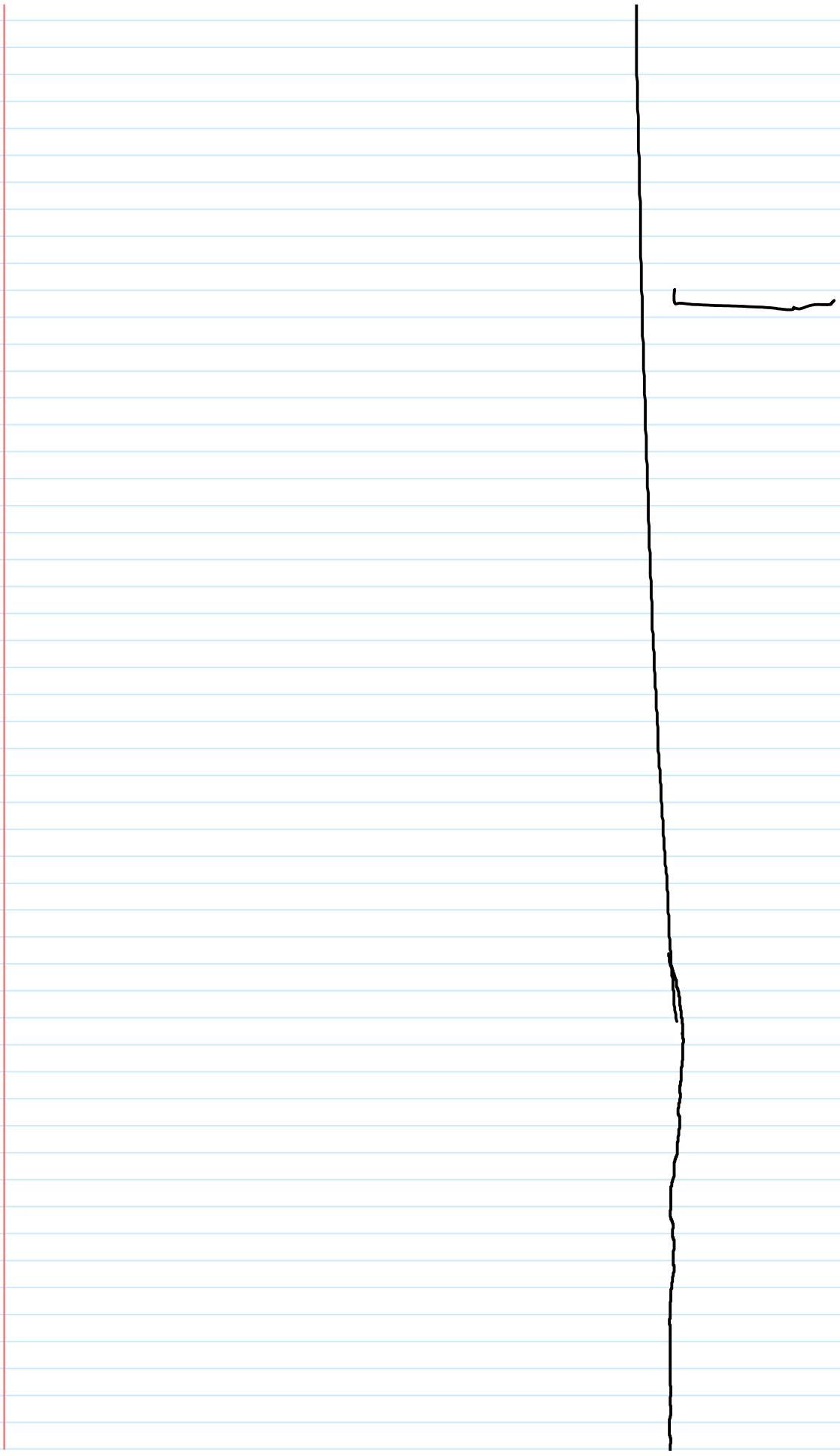
why propositional logic ?

Computers → human problems



Problem Solving :-

1). lectures.
2). Notes.
3) Book.
4) Google.
5) friends.
6) Teacher.

Home Assignments → lecture 3, 4. this week.

⇒ Ex. p 16-17, 18-19.
1-60.