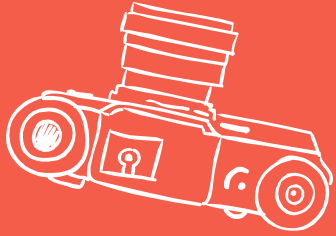
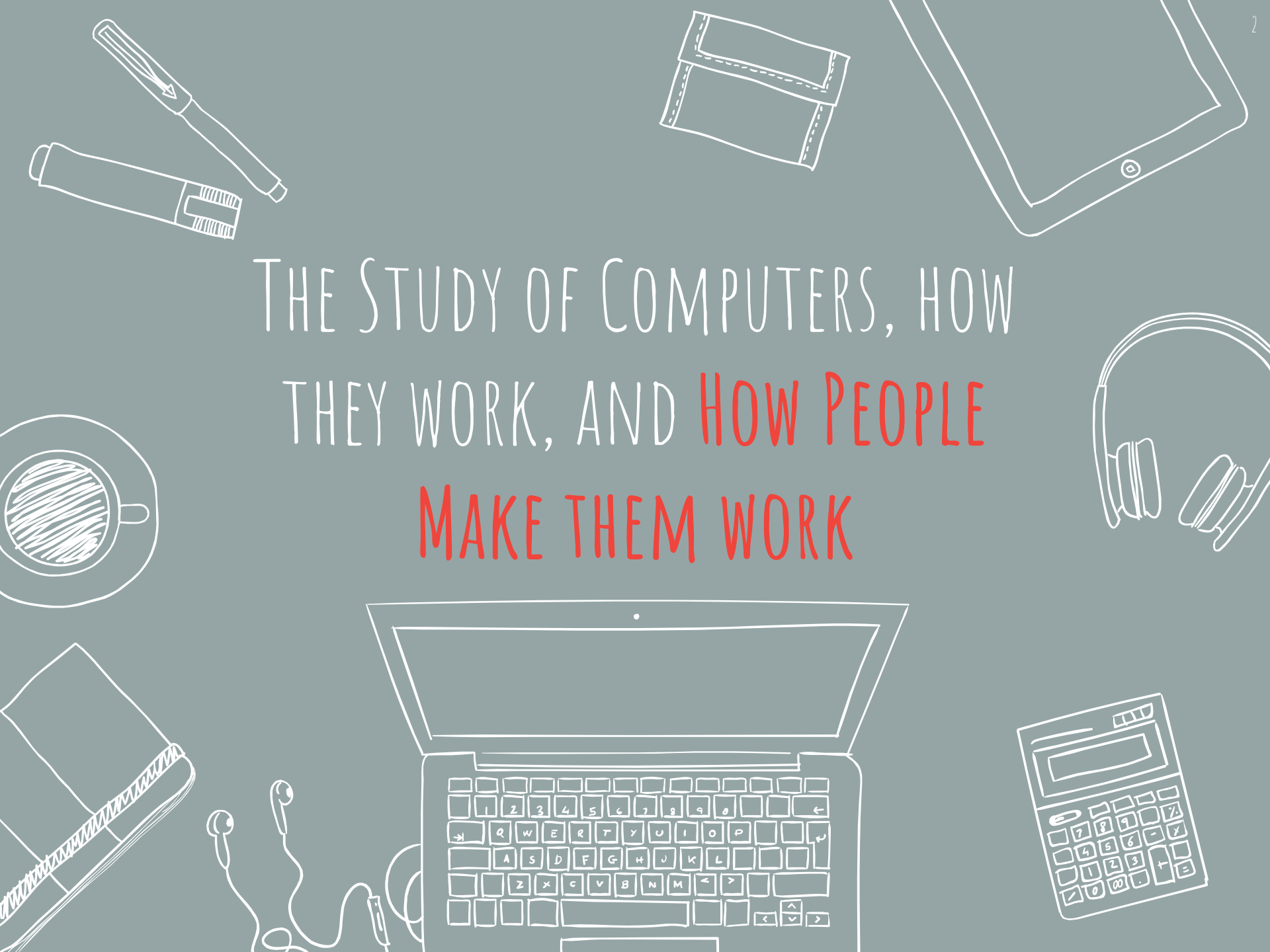


WHAT IS COMPUTER SCIENCE?



THE STUDY OF COMPUTERS, HOW
THEY WORK, AND **HOW PEOPLE
MAKE THEM WORK**





THINGS THAT COMPUTER SCIENCE



WHO IS SMARTER?

PEOPLE



OR

COMPUTERS





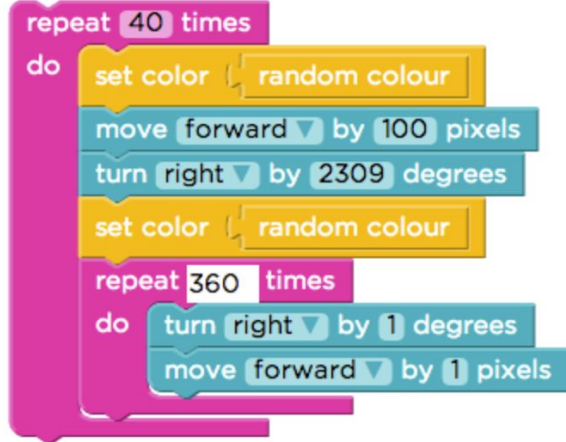
PEOPLE!!



VOCABULARY

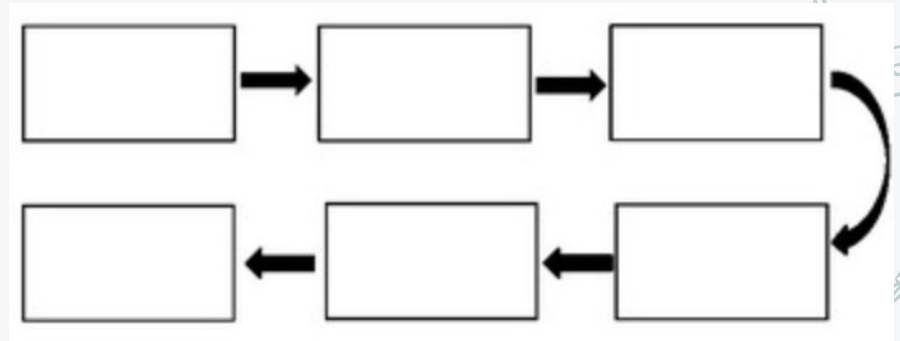
ALGORITHM

Instructions people write to make the computer do things.



SEQUENCE

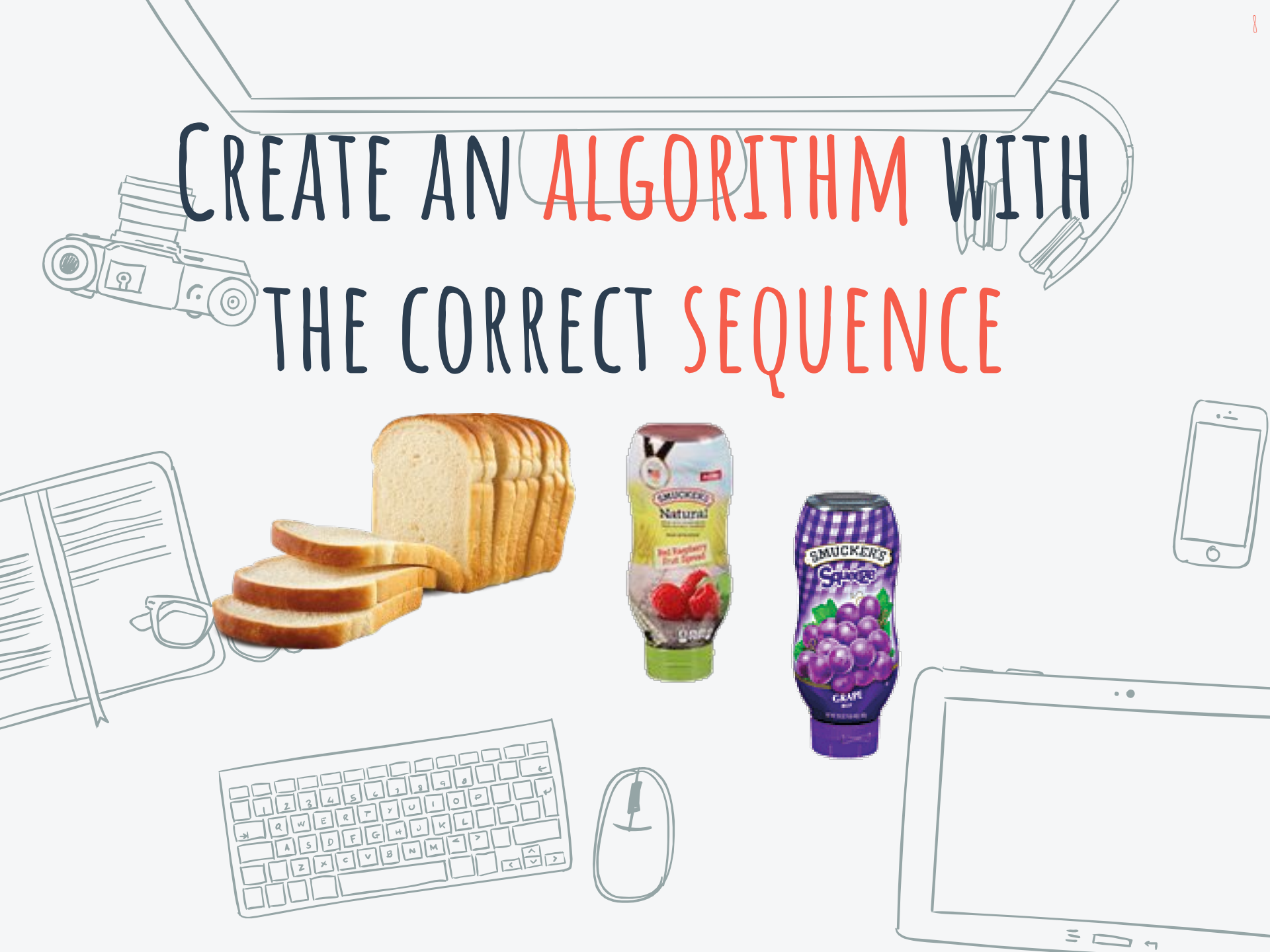
The order of the instructions.





SOME PEOPLE NEED **ALGORITHMS** TO GET
THROUGH THE DAY.

CREATE AN **ALGORITHM** WITH
THE CORRECT **SEQUENCE**



IN A MINUTE (BUT NOT YET), WE
ARE GOING TO....

Share

Watch
“robot”
work

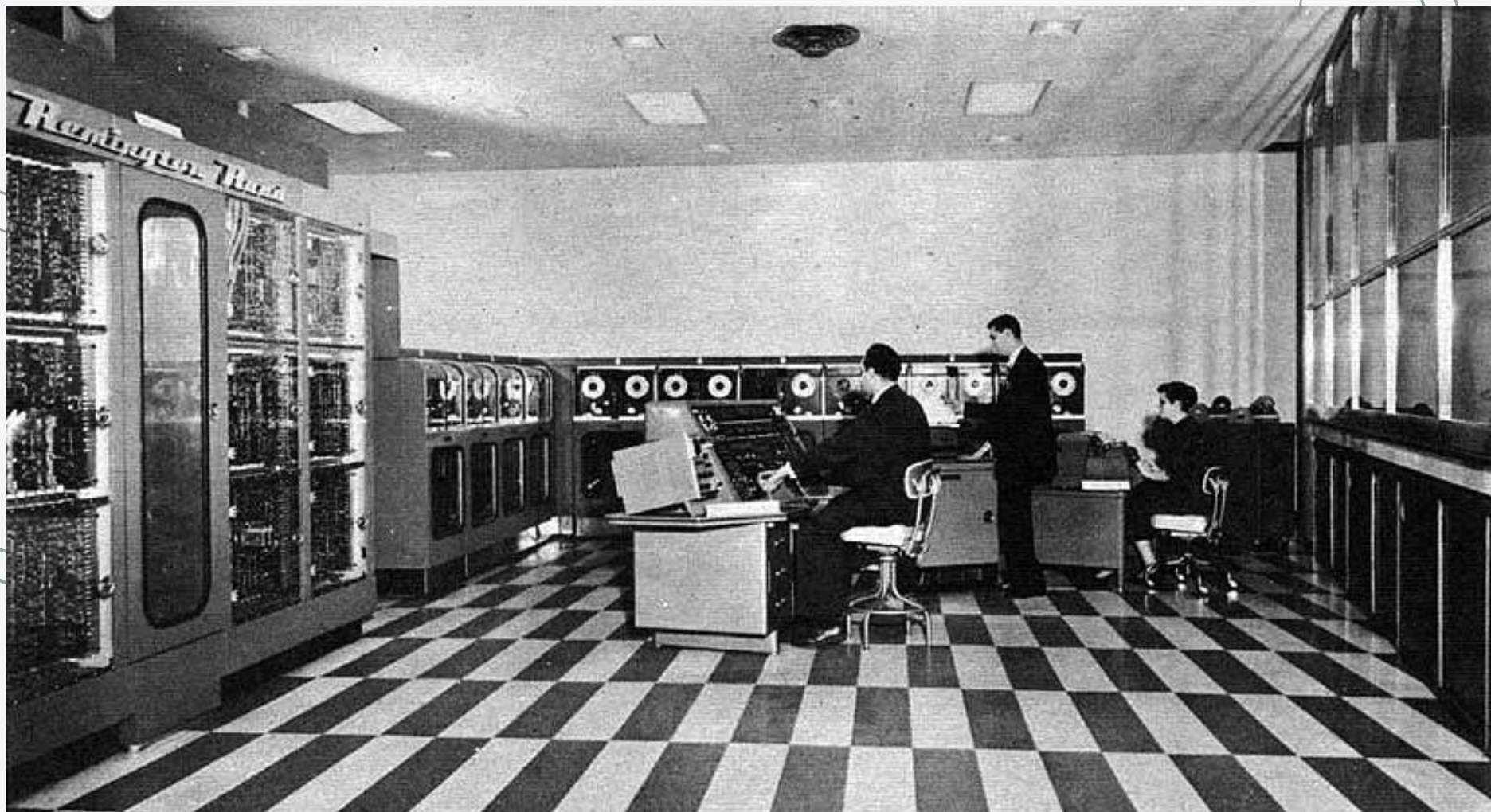
Debug





DEBUG?

WHAT IS THAT?



Relay 2145
Relay 3370

Relay #70 Panel F
(moth) in relay.

1700 Antangent started.
closed down.

Algorithmic Tic Tac Toe

I am a highly intelligent piece of paper. Let's play Tic Tac Toe.

I am X... and I go first...

Move 1: Go in a corner.

Move 2:

IF the other player did not go there
THEN go in the opposite corner to move 1.
ELSE go in a free corner.

Move 3:

IF there are 2 Xs and a space in a line
THEN go in that space.
ELSE IF there are 2 Os and a space in a line
THEN go in that space.
ELSE go in a free corner.

Move 4:

IF there are 2 Xs and a space in a line
THEN go in that space.
ELSE IF there are 2 Os and a space in a line
THEN go in that space.
ELSE go in a free corner.