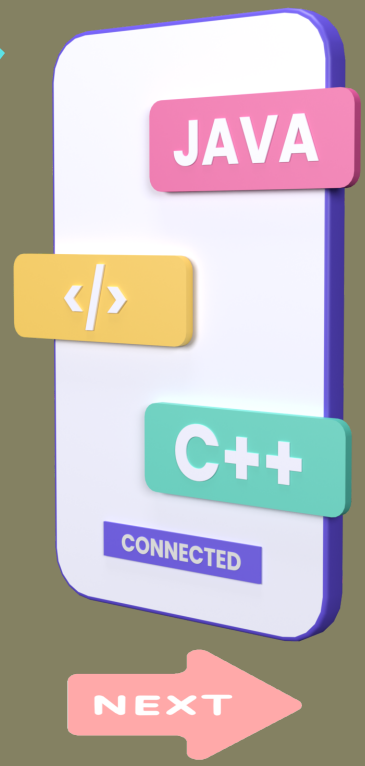
WHAT IS A

PROGRAMMING LANGUAGE



AS YOU MAY KNOW, COMPUTER CAN ONLY UNDERSTAND AND EXECUTED BINARY CODE , WHICH IS A SERIES OF 0'S AND 1'S

01101010
01100001
01100111
01100100
01100101
01110000
00001010

BLACK N WHITE
Learn Today Lead Tomorrow
jag....

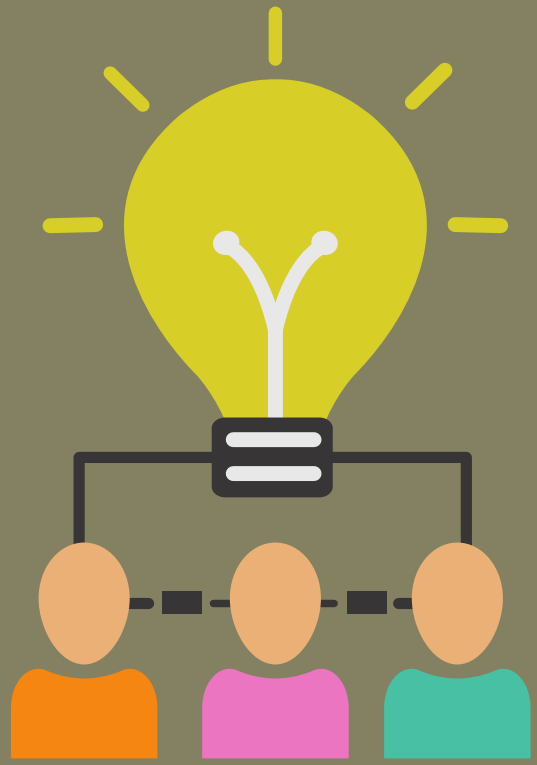
NEXT

SO WHEN A COMPUTER EXECUTES A PROGRAM , THAT PROGRAM IS IN THE FORM OF BINARY CODE , WE HAVE A PROBLEM.....

BLACK N WHITE
Learn Today Lead Tomorrow
jag....

NEXT

HUMANS CAN'T UNDERSTAND THAT BINARY CODE SO THEY CAN'T WRITE IT, WE NEED TO FIND A SOLUTION THAT HUMANS CAN UNDERSTAND AND USE TO CREATE A PROGRAM.



BLACK N WHITE
Learn Today Lead Tomorrow
jag....

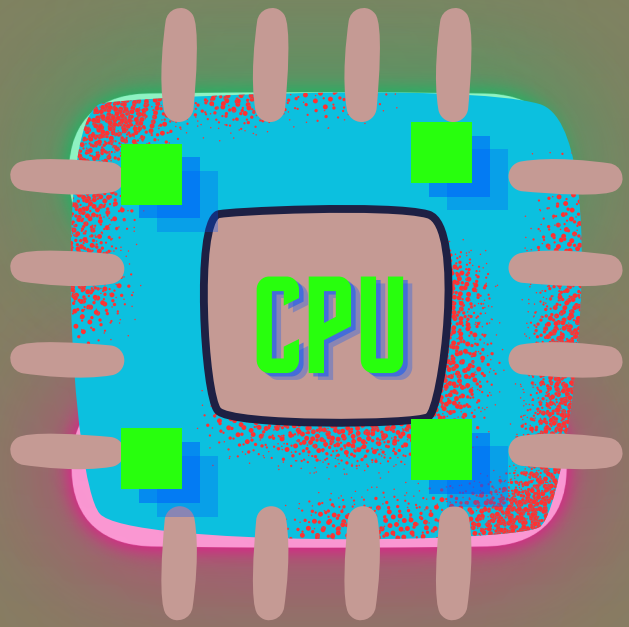
NEXT

THE SOLUTION IS TO CREATE A PROGRAMMING LANGUAGE SO THAT HUMANS CAN UNDERSTAND IT, THE FIRST PROGRAMMING LANGUAGE WAS CREATED IN 1950'S

BLACK N WHITE
Learn Today Lead Tomorrow
jag....

NEXT

THE FIRST PROGRAMMING LANGUAGE WERE CALLED "MACHINE LANGUAGE " OR " ASSEMBLY LANGUAGE " AND WERE USED TO DIRECTLY CONTROL THE COMPUTER'S HARDWARE



BLACK N WHITE
Learn Today Lead Tomorrow
jag....

NEXT

WE HAVE ANOTHER PROBLEM: NOW HUMANS CAN WRITE CODE, BUT THIS CODE IS NOT BASED ON 0'S AND 1'S, & THEREFORE, THE COMPUTER WILL NOT UNDERSTAND IT.

BLACK N WHITE
Learn Today Lead Tomorrow
jag....

NEXT

AND THE SOLUTION TO THIS PROBLEM IS TO USE A COMPILER. IT'S A PROGRAM TAH CAN CONVERT THE CODE WRITTEN IN A PROGRAMMING LANGUAGE INTO A BINARY CODE