- 1.) Computer is a dumb friend. 2) It doesn't understand English on Hindi etc.
  - Machine Binary Language

    a series of just o's 2 1's

English => or b, c, d, e - · · - z => 26 alphabets

Whit

Instructions

00 100 -> Addition

( Nov ?)

( glot?)

(9523)10

Binary Numbers
Bosse 2

 $9 \times 1000 + 5 \times 100 + 2 \times 10 + 3 \times 10 = 9523$   $9 \times 10^{3} + 5 \times 10^{2} + 2 \times 10^{4} + 3 \times 10^{4} = 9523$ 

Decemon Ly Bose 10  $13 \Rightarrow 1 \times 10^{1} + 3 \times 10^{0}$  1101  $1 \times 2^{3} + 1 \times 2^{2} + 0 \times 2^{1} + 1 \times 2^{0} \Rightarrow 8 + 4 + 0 + 1 = 13$   $1 \times 2^{3} + 1 \times 2^{2} + 0 \times 2^{1} + 1 \times 2^{0} \Rightarrow 8 + 4 + 0 + 1 = 13$ 

Because of the difficulty to convert everything to machine language, programming languages were much needed.

Confilers/interpreters are the tools which convert

the course code to machine code.

Thingy that

written by

programmes

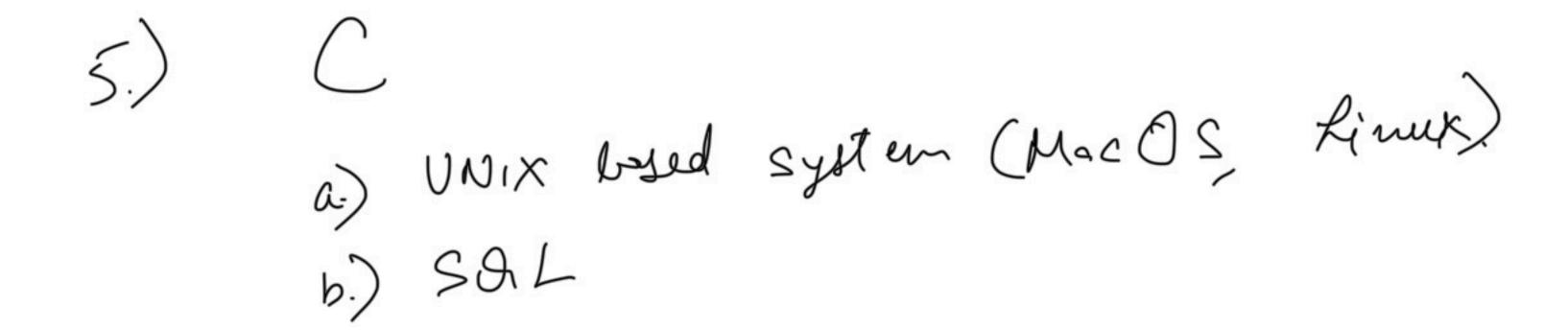
like you I me

1.) Assembly Longuege -> 1947

2) FORTRAN (sbecilic to moth)

3.) COBALT ( u business)

a) BASIC



6.) C++

7) Java (C++ minus the bointers)

Eg. Decimel to binary.

=> 32+16+4+2

- 1) Now to open a class on LearnYard?
  - a) learnyard. com
  - b) Click on class room button on top-right
    - using your registered mobile number. C) Rogin

de) Find the "100% job ready in the
my purchases section.
e) Watch the lectures.
given a number, check whether that number is even or odd?
1) Divide the number by 2
2) If the remainder is 0
Gen even
Else odd.
tundon hleighe 11 Ka
You have a watermelon. Weight W Kg
Cut this westernelon to exactly 2 parts. I

for have a maturalon. Weight W Kg
Cut this westernelon to exactly 2 parts. I
both parts should weigh even number of Kilos

12 Kg

12 Kg

10 Ko

Eg. 12 kg 6 kg 6 kg L> 6 kg L> 6 kg L> 6 kg (9 kg) (9 kg)

W (1 ≤ W ≤ 100), how to cleck if it is possible or not? Eg. W2 9 (1) 8 => X 2 (7) => X (3) 6 => X h (5) => X 1) Divide W by 2. If the remainder is. L) Not Possible Possible. Not Possible