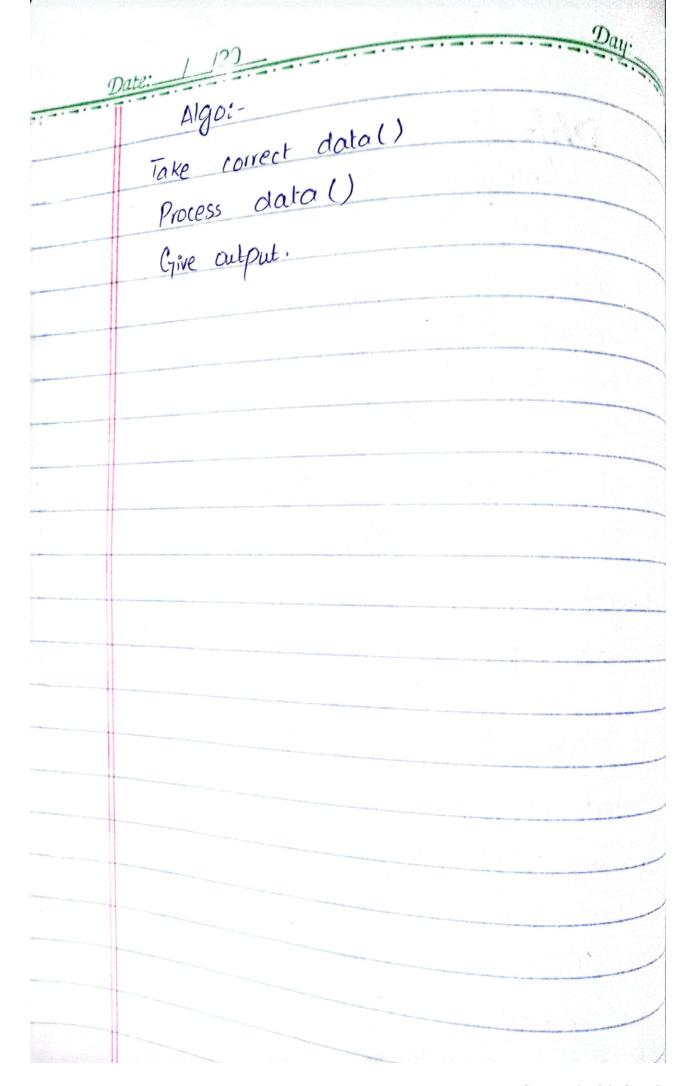
DAA Analysis Algorithm Algorithm has 3 steps:

Algorithm has 3 steps:

Description de Lination

Procedure (Mathematical description) (ii) find Result Role of Problem Defination: A frim want to empologice the People for management the And lab jobs for management the Person must be graduated tox Post graduation no experience is required general experience is Years to apply. For rural sindh, baloshiston-NUVFP os years to apply. and FATA 03 years experience is required. Discrete analysis:
E = {M,F} -> Set of gender (makes female) G J = {Mat, LB}, Deg = { MBA, Phyll - acq level = { (, Ph) - education Sever (Gradue to Data of Completion of Exp = { 0, KF>} Degree date = 1 Birth levels to range

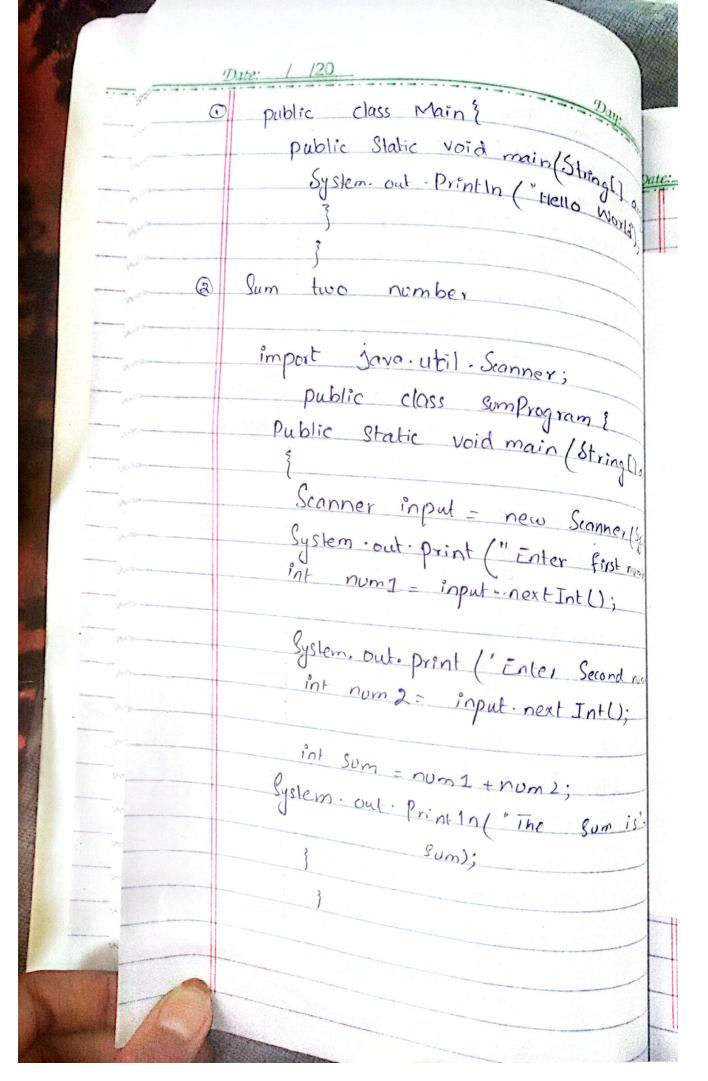


O A set of employees in a company we want to define some properties, for jobs for jobs Person most graduated as Manager, Engineer and analyst. Discrete analysis1-S= { E1, E2 - - En} D= ? M, F] P = [Manager, Engineer, Analyst] Sal = { 0, 10000} E = { Yes, No} (2) A set of Students in a class with learning some specific subjects. For learning these subjects their ages should be specific. Discrete analysis !-S= [St, Sz - - Sn] C = { Math, Science, English} Cn = { M, F! Grades = { Unlung Age = 20,301 E = { 4es, no)

set of cars manufactures. For manufacturery must occur. (3) Some freatures must occur. Discrete analysis: C= [lan, lan, -- - Carn] T = & Sedan, Suv, Truck ! M = { Toyota, Ford, BWW, Testa} y = {1990, 2022} price - P = 20, 500000 L = (Yes, no) (4) A set of fruits with some Properties, we find the set of all red fruits. Discrete analysis: F= ¿Apple, Orange, Banana, cherry, Crapez C = { Red, Orange, Green, Purple} R = { F E F | (010 = (F) = "Red" } E= Eles, noi (5) A set of animals in Jumple we find the set of an herbivores and mamais. Discrete analysis,

```
A = 2 Lion, Figer, Elephant, Crivafte, zebra
pro D: { Mammal, Reptile, Breds, Fish}

H: { Herbivoies, Carnivore, Omnivoies}
    MAH = { ACA | classification (A) = "Manny"
         A diet (A) = "Herbivores" }
     R. Edophant,
               Java
           is a computer language.
  Java
  characteristics of code in C.
 1- Readability
2- Writeability
 3- Extendability
 4- OThoability
 Syntax:-
     Public class first &
   Public static void main (string[largs)?
        int a = 9;
         int b= 10;
          int c = 0;
           C=a+b
            fystem. out · Print ln ( "sum is"+c);
           Hend main
```



Date: 1 120 Pointere-No variable can be attached which any symbol other than underscore. 1 GHZ = Billion = Algo are two types is Hungry 3 Greedy rinsertion sort is a hungry soil. -> Bubble sort not hungry mor greedy path selection. -> In greedy we have select the most optional path. -> In hungry approach - Steps are reduced. > But force the work is done at any cost. -> Divide and conquer algo which dois the program, Chard real time & Soft real time algo)

