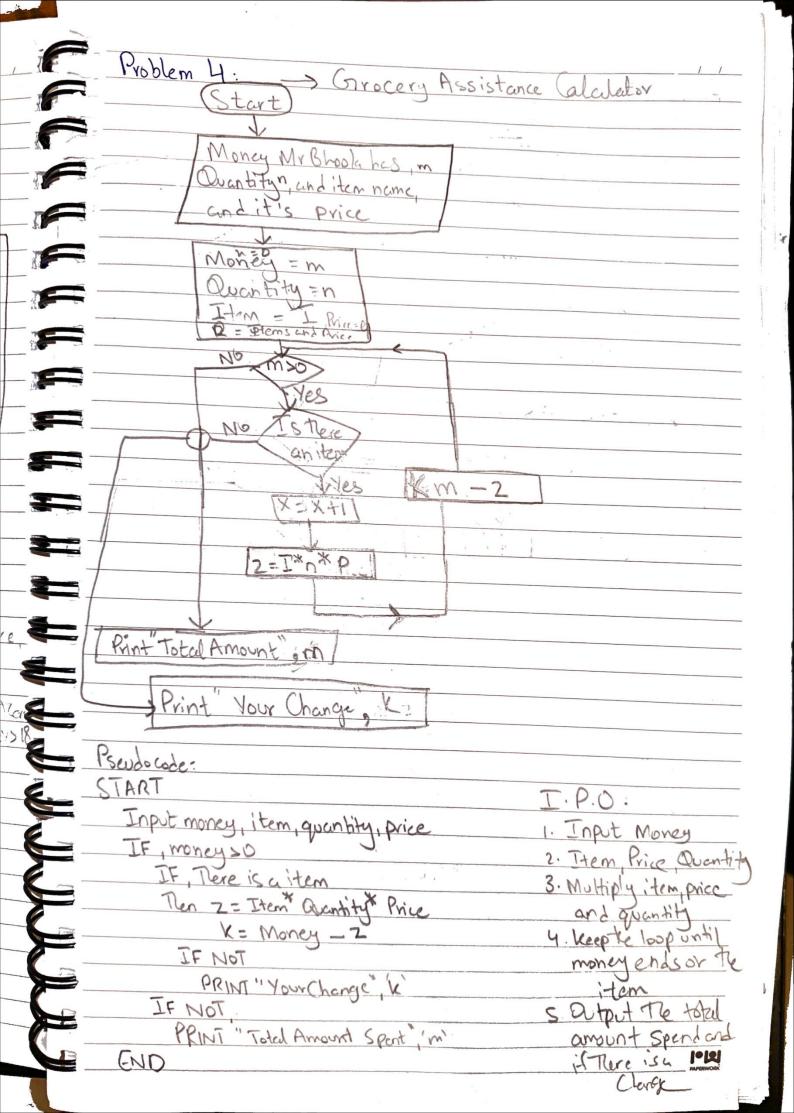
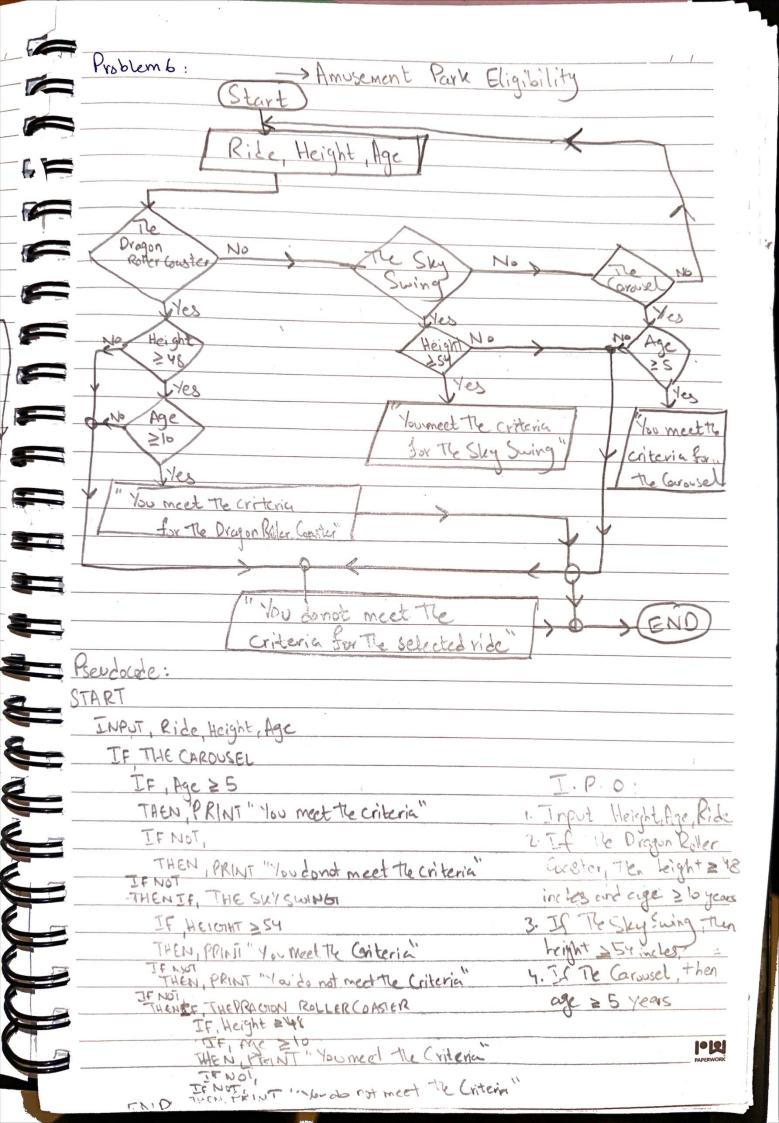


> Legal Age of Marriage in Pakistan Flow Chart: Age, Province, Grender Yes You are digible No Yes Girl? From Singh? NO Yes 140 Age > 16 NOJ You wendt Eligible to get Married" Pseudocode. IPO: START 1. Age Praince Input Age, Grander, Praince Gerder IF , Age ≥ 18 2. Sindh > 18 PRINT" you are eligible to get married" 3. Punjab and others IF NOT ! G186516, BDY>18 TF, Girl IF, Not From Sind h B PRINT You are eligible to get married" L IF NOT IN Tom rIF, Age >16 PRINT "You are eligible to get married IF NOT, 3 PRINT "You are not oligible to get married" IFNOT PRINT "You are not elisible to get married" END

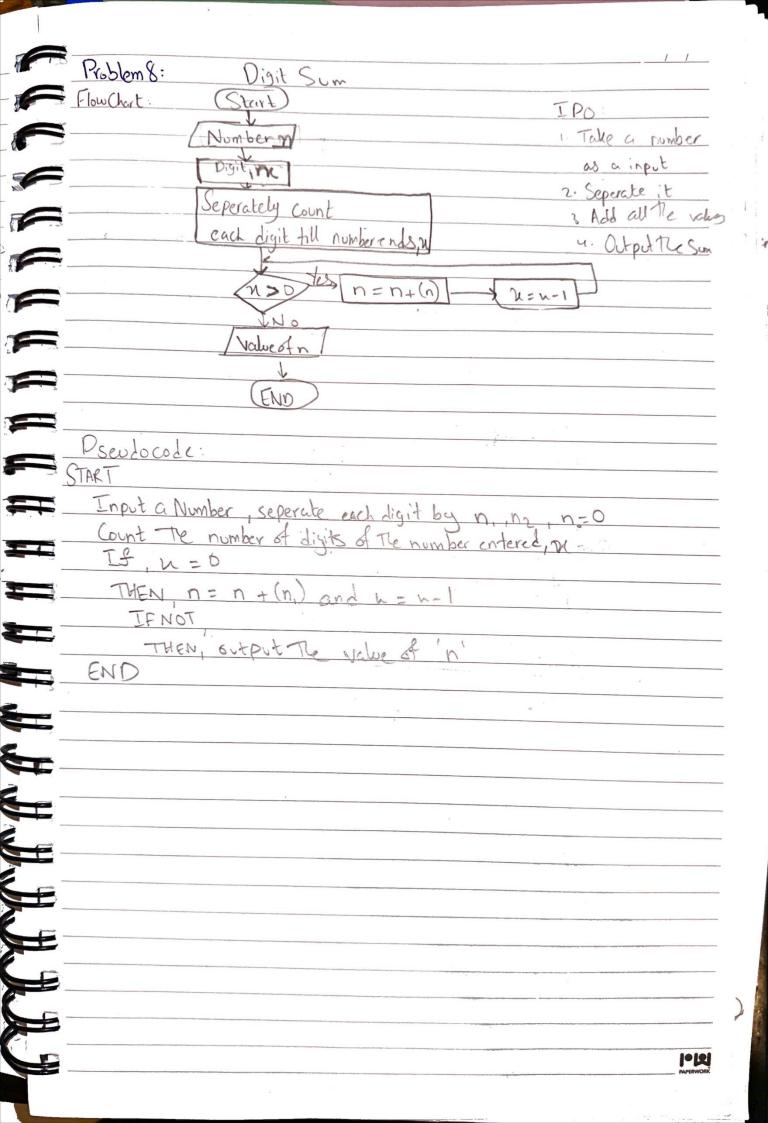


Crop Management Problem 5: Start Flow Chart: 5 ype of Gop No wheat No OVO No Rice Yes Yes Moisture Soil Moisture No Soil Moisture No 240% Z251-Yes Yes Yes Irrigation is Noneed to Trrigate END Pseudoode: START IF RIEE Input Type of Gop IF Soil Moisture 301. IF, RICE IF, Oidn't Rained in 24 hrs IF SOIL MOISTURE < 25.1. THEN, IRRIGIATE TPo: THEN IRRIGIATE IF NOT 1. Type of Crop IF NOT. TF NOT THEN, NO NECO TO FARM 2. If Wheat, The THEN NO NEED TO IPPIDATE IA NOTIN IF NOT Soil moisture is below 30 END and it has not rained in the THENIF, Corn last 24 hrs, irrigation as IF Soil Moisture 240%. 3. If Corn, The soil moisture THEN IRRIGATE is below 40%, irrigation TF NOT will be don THEN NO NEED TO I PRIGHTE 4. If nee the soil nosture THEN IF NOT, is below 251, irrigation IF, RICE will be done



Problem 7: Which Floor Flow Chart: Start IPO: 1. Input Shoor number Floor 2. According to number lit up Yes 10110000 Te light by Placing I and O nd Floor 1101101 Should be Illion "Tere are on THEN IF, 5th Floor Bendocale: THEN, O UPDOT 1011 011 TARI THENJE NOT Input Floor Number THENT F 6th Floor IF 1St Floor THEN, output loll III THEN, OUTPUT OSTOGOOD THEN IF NOT IF NOT. THEN IF, 7th Floor THEN IF, 2nd Floor THEN, Outpot 1111000 THEN, Dufput 1101101 THEN IF, 8th Floor THENIFNO THEN coutput 1111111 THEN IF, 3rd Floor THEN IF NO THEN, output 1111 ool THEN IF, 9th Floor THEN IF NOT THEN, output 1111011 THEN IF, 4th Floor IFNOT THEN, PRINT "There are only"

CND O to 9 Hors" THEN, output allo all THEN IF NOT



Problem 10: Poor Mr. Etrode bought a faulty keyboard Flow Chart: (Start) Numbern (n 1.10)=2, 1e3 (n:1.10=22) Print 'Z' T100: 1. Enter a number 2. nhas digits 3if n:1.10=2, if TNPUT Number, n 7, 10, ten n/10:2 IF nous digits If 2 = 9 Ten THEN, n.1. 10 = 21 only 22 to be JF 21=0 Printed. THEN 11.10 = 22 IF 22 = 9 4. If not Then keep THEN output 22 only to2" Printing 2 and n 1/6 IFNOT THEN suffect 2; and 2, to 2 IF NO THEN output: 2, to 'z' TF NOT THEN PRINT Z END (

No not optimus Prime its Coprime Problem 11: Flow Chart: (Start) T.P.D . Input the numbers Input a number, n. 3. h, 1.2 till N= Input a number, no n, n:1.2 = a 3. n, 1. 2 till x N >1 = n2, n/x=b 9. a and bit not common The number is a h.1==2 Coprime. n:1. u = a n=4116 ommon digits are Coprime" exist of a and b Pant Numbers are not END Pseudocode: START INPUT numbers, n. nz N > 1Tf 0 !== N THEN, n.1. x = a and n= u+1, putput & THEN IF, n2! == N THEN, not n=b, and n=h+1, out b IFnot THEN IF There are common digit of a and b PRINT, " Numbers are not Coprime" IFNOT PRINT "Number are END

Problem 12: Die Hard - Defising Te Bomb Flow Chert. Sturt T. P.D . 1. Fix the water Empty out both in Slitre Jug 2. Transfer Te uster to 3 litre jug Fill. Te water 3. Empty TE 3 in 5 litre jugtiu kitre & jug The top 4. Pour Te 2 fitre remaining into 3 Transfer to litre Jug water to 3 litre 6. Fintes litre jug again 7. Pour 5 Here Jug to 3 litre In Pseudo Code: till it fills START S. Now you have · Empty out both of Jugs Pour Te remaining 2 4 litres in . Fiy the wester in The Litres from TE S Stitresly S litre Jug HU Tetop litre juginalo 3 litrojug Transfer Tle water to 3 litre jug GU, the S little · Empty The 3 Ritre Jug again Transfer the 5. litre Pour water from 5 jug intotle 3 livre jug Pour Water in 3 litre from litre jug into The 3 litre juy till top Slitre jug Put Stitre sug on Place The Slitre jug the sensor orthe sonsor Print "You survived END Grint " You Survived" (END)