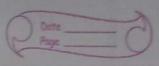
11/12/23 Greate structure item details with members ; tem-nome, quantity, price, total amount Calculate party expenses. #include < Stdio. h> # include < math.h) # include < steing. h> int main () { Steart itemdetails { char item-name [50]; int quantity; int price: int main () {
struct item-details itt [50] int n; frint !" Enter no. of items whose details has to be entered: "); scanf ("1.d", kn); for (int i=0; i<n; i=i+1) {

point ("Enter item name; "); scomp ("1.5", & itt[i]. It name); fried (" Enter quantity: "): scomp("1.d", LiH[i]. quantity): prints ("Enter frice per item:); scarf ("1. d", & itt[i]. frice);

int sum=0, f[50]; for (int i=0; i(n; i=i+1){ p[i] = (iHLi] quantity) *(iH[i]. price); for (int i=0; i < n; i=i+1) { sum = sum + pli]; frints (" The total party cupense: "I.d", sum) return o; Output] Enter no of items whose details has to be entered: 2 Enter item name: Speaker Enter quantity: 2 Enter perice per item: 1200 Enter item name: chickenwings chickenwings Enter quantity: 200 Enter fraice for item: 150 The total fairty enpense: 32400



2) Create a structure with name student with structure members: name, usn, gradelist of sem omd gradelist of sem 2. The student will be promoted to 3°d semester if helshe is not having leachlog of credit count >= 16 # include (station) # include (math. h) stanct student { Char Name [50]; int usn; Char Sigrade[8]; char Szgrade[8]; int main () { int i, bck.or=0; Struct student SI; frivity (" Enter your name: ");

Sceny (" 1.5", SI. name);

forinty (" USN: ");

scany (" 1.8d", SI. USN);

frivity (" SEM-I grades in order: In

MCS-I \n ACP \n IEE \n & PES \n

COED) (CENT) (SEN) CAED In CENIN SENIN INC IN");

for (i=0; i < 1; i=i+1) { 3 scary ["1.cln", 2 St. grade[] frint ("Sem 2 grades in order: MCS-2 In APS In ICE In POPIN INP IN PWE IN TOT IN BLK "); for (int for (i=0; i < 8; i=i+1)?

Scary ["1:c"\n", b=51.52grade[i]);
} for (i=0; i<8; i=i+1) { point (51. Signade [] = = "); if (S1.51 grade[i] = = F to) {

bcker = bcker + 4; if (i)=2 kli(5) if (SI. SI gende[i] == "F") { bckes = bcker +3; if (i)=5 le i<3)

if (S1.51 grade[i] = = "F") { bcker = bcker + k; } for(i=0; (< 8; i=i+1) { { if (S1.59 grade [i] = = "F"){ bckcr = bckcr + 4; } if (i < 2) if (i>=2 ld i <5) { if (S1.52 grade[i] == F") { beker = beker +3; if (i)=5 L & i(8) { if (Si. St grade[i] = "F") { boker = boker +1; if (beker >= 16) {

frints ("Not Eligible");
} 3 frint ("Eligible"); return o; }

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|--|--------------|---|---|
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| | [output] | - Adarsh | 3 |
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| | Name USN | o live corderi | - |
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18/12/23 for (i=0; i < a; i=i+1) { feet sum = feetsum + dist. avr [6][0]; inchsum = inchsum + dist.arr[i][i]; front (" total feet sum = 1 . I'm , feet sum); fromty (" total inch sum = "/- (\" , inchsum); return 0; Output] Entor the number of inch-feet fraises to be added: 3 Enter the faires: 5.1 2 total feet sum = 9.9 total inch sum = 7.6

Given an array avoil] containing M distance of the inch- feet system such that each element of the array represents a distance in form of Einch, ged 3. The task is to add all the N inch feel distances using structures. -> # include (stdio.h) # include (moth b) stauct distances { float arr [50] [50]; 3 dist; int main () { int a: float feet sum = 0, inch sum = 0; frint l'Enter the number of inch-feet pairs to scong (" 1. d", & a); frint ("Enter the fairs: \"); for (i=0; i<a; i=i+1) { for (j=0; j<2 ;j=j=1) {
scanf ("). j", & dist. avoili][j];