QUESTION 1 (a)

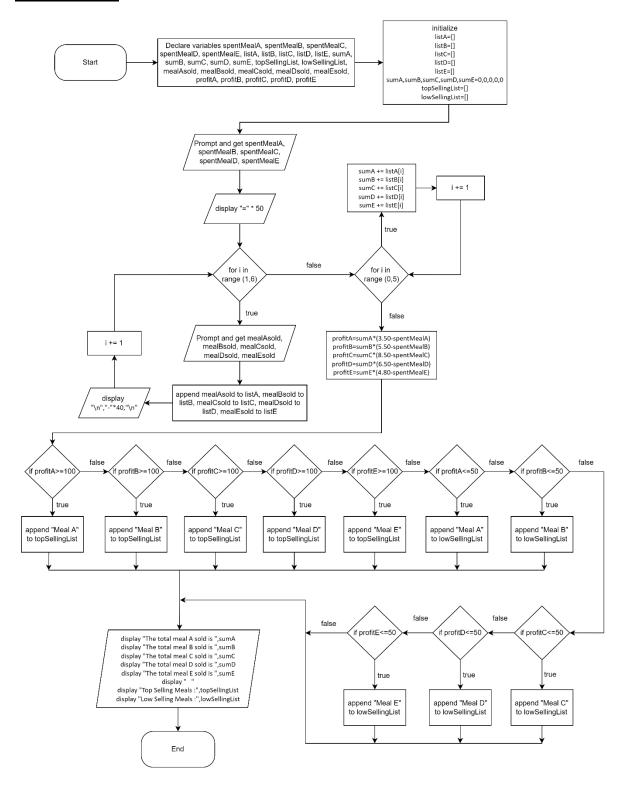
INPUT	PROCESS	OUTPUT
INPUT mealAsold mealBsold mealCsold mealDsold spentMealA spentMealB spentMealD spentMealA	Declare variables spentMealA, spentMealB, spentMealC, spentMealD, spentMealE, listA, listB, listC, listD, listE, sumA, sumB, sumC, sumD, sumE, topSellingList, lowSellingList, mealAsold, mealBsold, mealCsold, mealDsold, mealEsold, profitA, profitB, profitC, profitD, profitE Initialize listA=[], listB=[], listC=[], listD=[], listE=[], sumA=0, sumB=0, sumC=0, sumD=0, sumE=0, topSellingList=[], lowSellingList=[] Prompt and get spentMealA, spentMealB, spentMealC, spentMealD, spentMealE display "="*50 for i in range(1,6): Prompt and get mealAsold, mealBsold mealCsold, mealDsold, mealEsold append mealAsold to listA, mealBsold to listB, mealCsold to listC, mealDsold to listD, mealEsold to listE display "\n", "-" * 40, "\n" for i in range(0,5): sumA += listA[i] sumB += listB[i] sumC += listC[i] sumD += listD[i] sumE += listE[i] profitA=sumA*(3.50-spentMealA) profitB=sumB*(5.50-spentMealB) profitC=sumC*(8.50-spentMealC)	"The total meal A sold is ",sumB" "The total meal B sold is ",sumC" "The total meal D sold is ",sumD" "The total meal E sold is ",sumE" "Top Selling Meals : ",topSellingList" "Low Selling Meals : ",lowSellingList"
	sumA += listA[i] sumB += listB[i] sumC += listC[i] sumD += listD[i] sumE += listE[i] profitA=sumA*(3.50-spentMealA) profitB=sumB*(5.50-spentMealB) profitC=sumC*(8.50-spentMealC) profitD=sumD*(6.50-spentMealD)	
	profitE=sumE*(4.80-spentMealE)	

if profitA>=100: append "Meal A" to topSellingList if profitB>=100: append "Meal B" to topSellingList if profitC>=100: append "Meal C" to topSellingList if profitD>=100: append "Meal D" to topSellingList if profitE>=100: append "Meal E" to topSellingList if profitA <=50: append "Meal A" to lowSellingList if profitB <=50: append "Meal B" to lowSellingList if profitC <=50: append "Meal C" to lowSellingList if profitD <=50: append "Meal D" to lowSellingList if profitE <=50: append "Meal E" to lowSellingList

display "The total meal A sold is ",sumA display "The total meal B sold is ",sumB display "The total meal C sold is ",sumC display "The total meal D sold is ",sumD display "The total meal E sold is ",sumE display " "

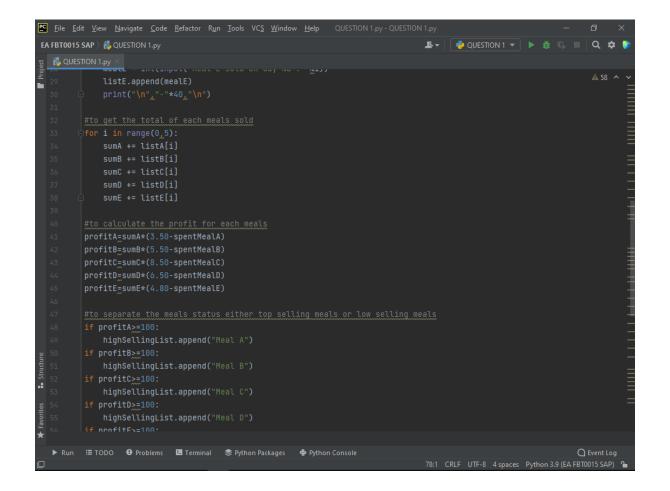
display "Top Selling Meals :",topSellingList display "Low Selling Meals :",lowSellingList

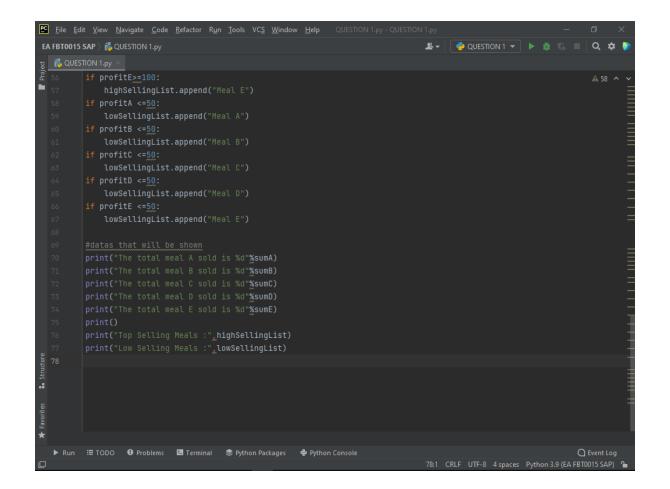
QUESTION 1 (b)



QUESTION 1 (c)

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QUESTION 2

