Write a function "PandamicSeason()" that takes a list and returns a string . Your input should be numbers having 1,2,3,4,5,6,7,8(zero and nine are not be included).Consider the following rules for returning the string.

## 1,2,3,4 = o,n,I,i, etc...

Add a dot (.) to the end.

## Change case of the first letters in "Online" and "Classes"

Reverse the string

def PandamicSeason(a):

diction {1:'0',2:'n',3:'l',4:'i',5:'e',6:'C',7:'a',8:'s',}

for x in a: s+=diction[x]

print(”String is ",s+“.")

print(”Reversed String is “,s[::-1]) PandamicSeason([1,2,3,4,2,5,6,3,7,8,8,5,8])

[ String is OnlineClasses.

Reversed String is sessalCeniln0

## Consider the following list of tuples which represents the cost of a product, let’s say it is a laptop, and the list has brand name, additional number of features added to it, cost,

and total tax on the product. [(‘Dell’, 5, 60,000, 404 of the cost), (‘Vivo’, 4, 57,000, 504 of the cost), (‘HP’, 4, 59,000, 606 of the cost), (‘Samsung’, 3, 45,000, 3Oé of the cost)]

# Perform the following operations:

1. Sort the list by increasing order of total price (cost + tax)
2. Sort the list by decreasing order of cost (without tax) Note: conversion of list to tuple or tuple to list can be made wherever necessary
3. Implement a function discount(), that takes Cost of a laptop and 06 of tax applied on the product. The function discount should compute and return the total cost. If the total cost is more than 60,000; then apply discount as 204 of total cost and display the cost estimated else return “No Discount applied.

lst = [('Dell', 5, 60000, 4), ('Vivo', 4, 57000, 5), ('HP', 4, 59000, 6), ('Samsung', 3, 4500

#A

srt = lst.copy()

srt.sort(key = lambda x:x[2]+((x[3]/100)\*x[2])) print(”A”)

print(srt) print()

#B

srt2 = lst.copy() srt2.sort(key = lambda x:x[2]) print(”B”)

print(srt2) print()

#C

def discount(a):

total = a[2]+((a[3]/100)\*a[2]) if total>60000:

total = total - (total\*0.02)

print(“Estimated Value of“,a[0] + “ : ”,total)

print(“No discount applied in ",a[0] + ” .”)

print(”C”)

for i in range(len(lst)): discount(lst[i])

A

[('Samsung', 3, 45000, 3), ('Vivo', 4, 57000, 5), ('Dell', 5, 60000, 4), ('HP', 4, 59001

B

[('Samsung', 3, 45000, 3), ('Vivo', 4, 57000, 5), ('HP', 4, 59000, 6), ('Dell', 5, 60001

C

Estimated Value of Dell : 61152.0

No discount applied in Vivo . Estimated Value of HP : 61289.2 No discount applied in Samsung .



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