|        | 19BCE245 2CS404 4 20/02/2021 1 day                       |
|--------|--|
|        |  |
|        | carrect right code;                                      |
| CA 1-Q | numbers = [11, 33,55,37,55,79,38]                        |
|        | for num in numbers                                       |
| -      | if num % 2 == 0;   |
|        | print ("This list contains on even number")              |
|        | else:  |
|        | print (" this list does not contain even number")        |
| *      |  |
|        | The program code given in question ail give error        |
|        | as there is single quote & before the closing bracket    |
| 1)     | in last line classes it is dealer the classing processes |
|        | in last line changing it to double quote Curitten        |
|        | The list contains an even number.                        |
|        | the LIST CONTAINS ON even number                         |
|        | NSAC .   |
| R)     | right code:  |
|        | print (" Absolute value: " moth, fabs (-65))             |
|        | print ("Absolute value: ") abs(-65))                     |
|        | PINC (1050101e VOIDe : ) 905(-65))                       |
|        | here we have to write also without math as               |
| 40:    | there is no methodo/module in math, named as "abs"       |
|        | The math, named as abs                                   |
|        | Output:  |
|        | 65.0   |
| ×      | 65   |
|        |  |
|        |  |
| (.)    | The given code in the question is correct (no change)    |
|        | vehicles = Set (['Bike', 'Bus', '(ar', 'Scooter'])       |
|        | vehicles add ('Train')                                   |
|        |  |
|        | Vehicles update (['Truck', Richshaw', "Train"])          |
| Vision | print (vehicles)   |

|          | output:  |
|----------|--|
|          | set (['Bus', 'Scooter', Bike', Truck', 'Car', 'Rickshow'])   |
|          |  |
|          | 4). The given code in the question is correct till we  |
|          | give inputs in the rouge of [0,100]  |
|          | give inputs in the range of [0,100]  -> but it will give error if we impgive input numbers   |
|          | otherthan it's range.  |
|          | otherthan it's range.  The we input in range [0, 100] then nothing will be   |
|          | on output screen   |
| 1        | -> But if we give input from out of it's range.  |
|          | like III, -1 then it will give. AssertionError   |
| 3.0      | and it will also print the message which we  |
|          | gave i.e. "Number must be in the range of 0 to   |
|          | 100" soalong with that error name.   |
|          |  |
|          | O(1)   |
| Q - 2.). | Python code to generate aronstrong number, ir given range  |
|          | with input from command line arg.  |
| -        | Import sus   |
|          | Import sys   |
|          | lower = syspargy[1] # getting lower limit from and line  |
|          | lower = sysoargv[1] # getting lower limit from and line org.   |
|          | The state of the s |
|          | for num in range (lower, upper + 1);   |
|          | Sum = 0  |
| -        | temp= num  |
|          | while temp>0:  |
|          | digit = temp %10   |
|          | Sum += digit ** 3  |
| vision   | temp // = 10   |
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|---------------|--|
|               | if num == sum:   |
|               | Jest part (Start)  |
|               | print (num)  |
|               |  |
|               |  |
| Q-3.          | python program to reverse the string enatered by user using recursive function.                                    |
| $\rightarrow$ | def reverse_string (String):  if len (String) == 0:  return String   |
|               | else:  |
|               | return reverse-string (string[]: 1) + string[0]  |
|               | original - string = str(input (" Enter the string to be reversed: "))  print (reverse - string(original - string)) |
|               |  |
| Q-4)          | (1.)   |
| · ·           | SAPPO  |
|               | import rondom  |
|               | data - dict = 23 # dictionary to store main data   |
|               | item_name = [] # list of item names.   |
|               | îtem-volve = [] # list of îtem volves  |
| 36            | #assigning item names  |
|               | for them   |

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|       | print ("Total for order I "ss", order_dict ["order I"]["total"])                                 |
|-------|--|
|       | order_dict[order2"]["total"] = order_dict["order2"]["ftem 25"]  + order_dict["order2"]["item 9"] |
|       | + order-dict["order 2"]["item 1"]  |
|       | print (" total for order2 : "; order-dict ["order2"] ["total"])                                  |
| 0-4-3 | order_id = "O" + str( random. randint(0, 999999)).zfill(6, "O")                                  |
|       | for 1 in range.  print (" order dict ["order 1"][" item  |
|       | for in range ( 64):  print (" order-diet [" oredor + 11] ) item "+i )                            |
|       | order-dict["order 1"]["iten" +i] x Quality   |
|       | Order_dict["order1"]["item"] > to[total"])'  |
|       | for i in range (3):  print (" order - diet ["order 2"]["iten "+i]"/40                            |
|       | order-dict ["order2"]["item"+i] x quantity  Order-dict ["order2"] ("total"])                     |
|       |  |
|       |  |
|       |  |