

# LAMBDA

Q.1 create a lambda function to check if given value is between 10 to 20

Q.2 Write a lambda function with following condition:

a) if the given value is less than 50 multiply it by 2

b) else if its between 50 and 100 multiply it by 3

c) else return the unmodified same value

Q.3 Write a lambda function to check whether the given number is even or odd.

Q.4 print the square of each numbers rounded to three decimal places

Q.5 print the largest and smallest number present in a list of 15 values using lambda function.

Q.6 Print only the names that are less than or equal to seven letters using lambda function.

Q.7 Write a lambda to make a list whose elements are square of numbers between 20 and 30 (both included).

Q.8 Write a lambda function to make a list whose elements are divisible by 5 and number between 35 and 55 (both included).

Q.9 Write a lambda function to make a list whose elements are square of odd number in [34,5,7,8,21,12,13,33,43,41,55,56,90,87,43,2].

# CSV

- Q1. Write a program for built-in functions `field_size_limit`, `list_dialect` and `get_dialect` function of CSV module.
- Q2. Write a Python program to get 10 items.csv details (itemno, name, price, category).
- Q3. Write a program to read a file items.csv and search for an item whose itemno is obtained from the user, as the keyboard input.
- Q4. Write a program to read from a file items.csv and create a file highitems.csv, containing only those item details from Items.csv where  $\text{price} > 250$ .