1. sorted\_players = sorted(players, key=lambda x: x[1])

print(sorted\_players)

Output:

[('Virat Kohli', 24936), ('Jack Kallis', 25534), ('Ricky Ponting', 27483), ('Sachin Tendulkar', 34357)]

1. MAP function:

l2 = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]

list(map(lambda x :x\*\*2,l2))

LAMBDHA function:

def sq(x):

return x\*\*2

list (map(sq,l2))

OUTPUT:

[1, 4, 9, 16, 25, 36, 49, 64, 81, 100]

1. list(map(lambda x: str(x),l1))

OUTPUT:

['1', '2', '3', '4', '5', '6', '7', '8', '9', '10']

1. from functools import reduce

numbers = range(1, 26)

product = reduce(lambda x, y: x\*y, numbers)

print(product)

output:

15511210043330985984000000

1. list(filter(lambda x: x%3==0 and x%2==0,l2))

OUTPUT:

[6, 60, 90, 120]

1. strings = ['python', 'php', 'aba', 'radar', 'level']

palindromes = list(filter(lambda x: x == x[::-1], strings))

print(palindromes)

output:

['php', 'aba', 'radar', 'level']