Task 40

```python
subjects_scores = [('English', 88), ('Science', 90), ('Maths', 97), ('Social
sciences', 82)]

sorted_subjects_scores = sorted(subjects_scores, key=lambda x: x[1],reverse =
True)


print(list(sorted_subjects_scores))
```

Task 41

```python
subjects_scores = [{'make': 'Nokia', 'model': 216, 'color': 'Black'},
                   {'make': 'Mi Max', 'model': 2, 'color': 'Gold'},
                   {'make': 'Samsung', 'model': 7, 'color': 'Blue'}]

sorted_subjects_scores = sorted(subjects_scores, key=lambda x:
x['model'],reverse = True)


print(list(sorted_subjects_scores))
```

Task 42

```python
x1 = lambda a : a * a
x2 = lambda a : a ** 3
print("Square :",x1(7))
print("Square :",x1(8))
print("Square :",x1(9))
print("Cube ",x2(7))
print("Cube ",x2(8))
print("Cube ",x2(9))
```

Task 43

```python
from functools import reduce

def fibonacci(n):
    if n <= 0:
        return []
    elif n == 1:
        return [0]
    elif n == 2:
        return [0, 1]
    else:
        return fib_series(n)

fib_series = lambda n: reduce(lambda x, _: x + [x[-1] + x[-2]], range(n-2), [0,
1])

n = 10

print("Fibonacci Series :", fibonacci(n))
```

Task 44

```python
number =  [19, 26, 38, 52, 57, 65, 78, 91, 95, 104, 117, 130, 142, 153, 169, 190]

div = list(filter((lambda x : x % 19 == 0 or x % 13 ==0),number))

print("Divisible num",div)
```

Task 45

```python
numbers = [1, -2, 3, -4, 5, -6, 7, -8, 9, -10]

sum_pos = sum(filter((lambda x:x>0),numbers))

sum_neg = sum(filter((lambda x:x<0),numbers))

print("Sum Of Positive No :",sum_pos)

print("Sum Of Negative No :",sum_neg)
```