TASK-9

```python
def mrg_interval(intervals):
    intervals.sort(key=lambda x:x[0])

    merged=[]

    for interval in intervals:
        if not merged or merged[-1][1]<interval[0]:
            merged.append(interval)
        else:
            merged[-1][1]=max(merged[-1][1],interval[1])
    return merged
interval= [[1,3],[2,6],[8,10],[15,18]]
merged_intervals=mrg_interval(interval)
print(merged_intervals)
```

PROBLEMS   DEBUG CONSOLE   PORTS

∨ TERMINAL

```
PS C:\Users\ASUS\Desktop\luminar> & C:/Users/ASUS/AppData/Local/Micro
rk/task-9.py
[[1, 6], [8, 10], [15, 18]]
PS C:\Users\ASUS\Desktop\luminar>
```