```
def memberlimits(PerfScore, Weight):
    L_1=(PerfScore[1]-PerfScore[0])/(Weight[1]-Weight[0])
    R_1=(PerfScore[3]-PerfScore[2])/(Weight[3]-Weight[2])
    L_2=Weight[0]*(PerfScore[1]-PerfScore[0])+PerfScore[0]*(Weight[1]-Weight[1])
    R_2=-1*(Weight[3]*(PerfScore[3]-PerfScore[2])+PerfScore[0]*(Weight[3]-Weight[2]))
    return(L_1, L_2, R_1, R_2)

DSL1, DSL2, DSL3, DSL4=memberlimits(DesalSafe, Weights[0])
DFL1, DFL2, DFL3, DFL4=memberlimits(DesalFluc, Weights[1])
DPL1, DPL2, DPL3, DPL4=memberlimits(DesalFluc, Weights[2])
HSL1, HSL2, HSL3, HSL4=memberlimits(HProdSafe, Weights[0])
HFL1, HFL2, HFL3, HFL4=memberlimits(HProdFluc, Weights[1])
HPL1, HPL2, HPL3, HPL4=memberlimits(HProdProf, Weights[2])
SSL1, SSL2, SSL3, SSL4=memberlimits(SynFuelSafe, Weights[0])
SFL1, SFL2, SFL3, DFL4=memberlimits(SynFuelFluc, Weights[1])
DPL1, DPL2, DPL3, DPL4=memberlimits(SynFuelFluc, Weights[2])

DesalL1 = DSL1+DFL1+DPL1
DesalL2 = DSL2+DFL2+DPL2
DesalR1 =

def AddUp




#DesalL1, DesalL2, DesalR1, DesalR2 = memberlimits()

DesalU=Utility(DesalSafe, DesalFluc, DesalProf)
HProdU= Utility(HProdSafe, HProdFluc, HProdProf)
SynFuelU=Utility(SynFuelSafe, SynFuelFluc, SynFuelProf)

#Save the PerformanceScores to a file
with open('PerformanceScores_new.csv', 'w') as myfile:
    out=csv.writer(myfile)
    out.writerow('Safety')
    out.writerow(SafetyPS[0])
    out.writerow(SafetyPS[1])
    out.writerow(SafetyPS[2])
    out.writerow('\nFluctuate')
    out.writerow(FlucPS[0])
    out.writerow(FlucPS[1])
    out.writerow(FlucPS[2])
    out.writerow('\nProfitability')
    out.writerow(ProfitPS[0])
    out.writerow(ProfitPS[1])
    out.writerow(ProfitPS[2])
    out.writerow('\nFuzzy Weights')
    out.writerow(Weights[0])
    out.writerow(Weights[1])
    out.writerow(Weights[2])
myfile.close()

with open('Utility_2.csv', 'w') as ufile:
    output = csv.writer(ufile)
    output.writerow('Desalination')
    output.writerow(Utility(DesalSafe, DesalFluc, DesalProf))
    output.writerow("Hydrogen")
    output.writerow(Utility(HProdSafe, HProdFluc, HProdProf))
    output.writerow("Synthetic Fuels")
    output.writerow(Utility(SynFuelSafe, SynFuelFluc, SynFuelProf))

ufile.close()
```