Assignment 6

a)

1) a)awk '{print $1 "\t" $2 "\t" $5}' marks.txt

   b)head --n4 marks.txt | awk '{print $1 "\t" $2 "\t" $5}'

   c)tail --n1 marks.txt | awk '{print $1 "\t" $2 "\t" $5}'

2)   awk '{ print $1"\t" $3+$4+$5 }' marks.txt

3)   awk '{print $1"\t" $4+$5+$3}' marks.txt | sort -k 2 | tail -n1

4)   awk '{avg += $3 + $4 }END{print avg/NR}' marks.txt

5)   awk '{avg += $5}END{print avg/NR}' abcd.txt

b)

1)   awk -F, 'NR>1 {sum+= $NF}END{print sum}' lab6assignmentdata_20236.csv

2)   grep "European, Asian, Indian" lab6assignmentdata_20236.csv | awk -F, '{print $0}'

3)   grep -a "Dark Green" lab6assignmentdata_20236.csv | awk -F, '{print $0}'

4)   awk -F, 'NR>1 { a[$(NF-2)]++ } END { for (b in a) { print b } }' lab6assignmentdata_20236.csv

5)   grep -a "Excellent" lab6assignmentdata_20236.csv | awk -F, '{print $0}'

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