|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Id** | **Employee name** | **Job Title** | **Base Pay** | **Overtime Pay** | **Other Pay** | **Total Pay** | **Total Pay Benefits** |
| 1 | NATHANIEL | GM | 167411 | 0 | 400184 | 567595 | 567595 |
| 2 | GARY | CAPTAIN | 155966 | 245131 | 137811 | 538909 | 538909 |
| 3 | ALBERT | CAPTAIN | 212739 | 106088 | 16452 | 335279 | 335279 |
| 4 | CHIRSTOPHER | MECHANIC | 77916 | 56120 | 198306 | 332343 | 32343 |
| 5 | PATRICK | DEPUTY CHIEF | 134401 | 9737 | 182234 | 326373 | 326373 |
| 6 | DAVID | ASST DEPUTY | 118602 | 8601 | 189082 | 316285 | 316285 |
| 7 | ALSON | BATTALION CHIEF | 92492 | 89062 | 134426 | 315981 | 315981 |
| 8 | DAVID | DEPUTY DIRECTOR | 256576 | 0 | 51322 | 307899 | 307899 |
| 10 | JOANNE | CHIEF | 285262 | 0 | 17115 | 302377 | 302377 |
| 12 | PATRICIA | CAPTAIN | 99722 | 87082 | 110804 | 297608 | 297608 |
| 13 | EDWARD | EXECUTIVE | 294580 | 0 | 0 | 294580 | 294580 |

(1)

a. base>100000

awk ‘4$>100000 {print }’ data.csv

b. Print only Employee name and Total pay

awk ‘ { print $2 “ “ $7}’ data.csv

(2)

a. Extract rows which have “CAPTAIN” in the column “job title”

awk ‘$3==”CAPTAIN “ {print }’ data.csv

b. Extract the total pay & Calculate sum. Print the result on terminal

awk ‘sum+=$7 { print $7 “ “ sum} ‘ data.csv

gawk ‘{ sum += $7} ; END {print sum} ‘ data.csv

(3)

a. Extract job title and overtime pay for column value range between 7000 and 10000

awk ‘$5>7000 && $5<=10000 {print }’ data.csv

(4)

a. Extract base pay values and calculate its values