EX 3 AWK

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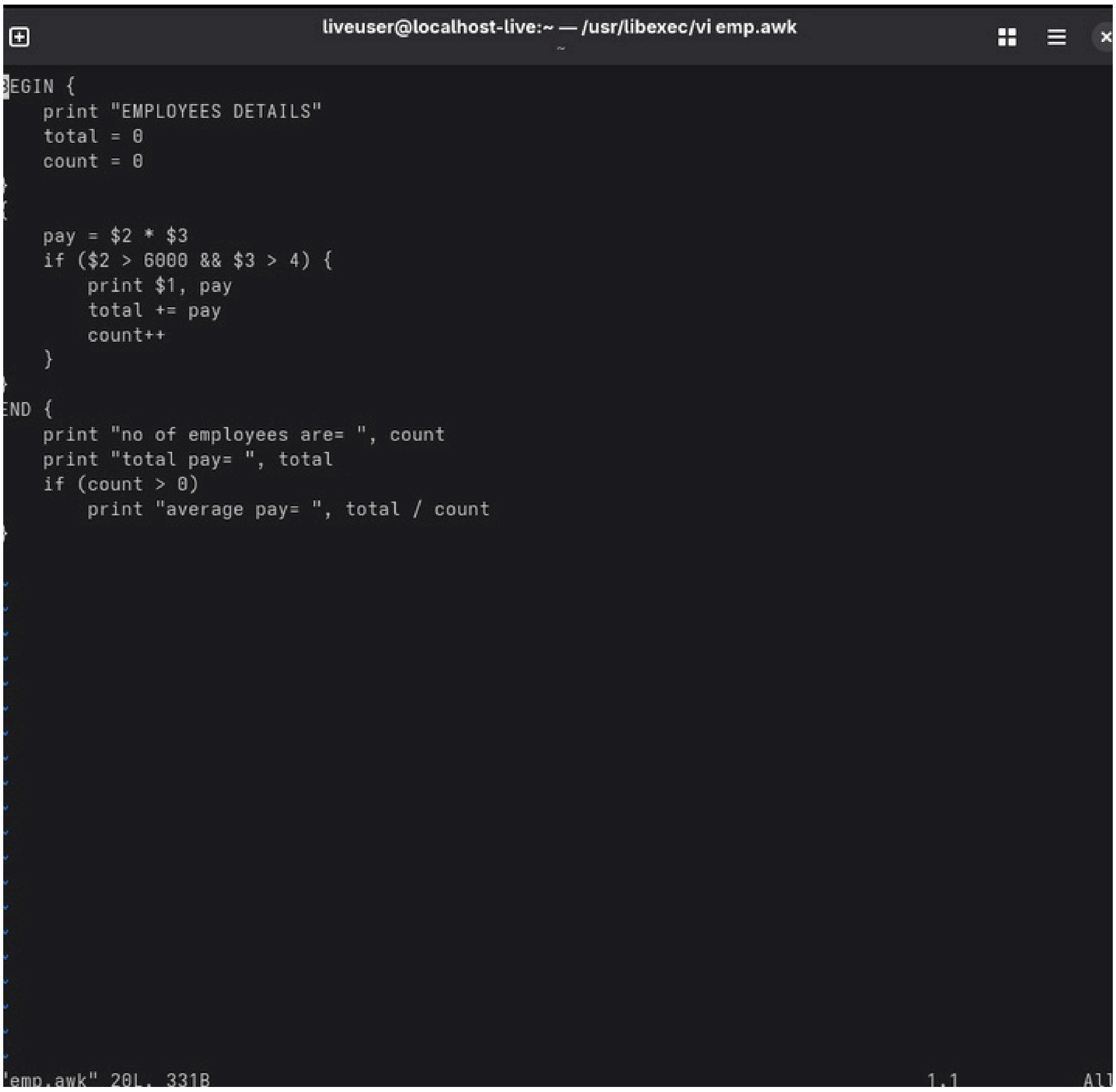
EMPLOYEE AVERAGE PAY



liveuser@localhost-live:~ — /usr/libexec/vi emp.awk

```
BEGIN {
    print "EMPLOYEES DETAILS"
    total = 0
    count = 0
}
{

    pay = $2 * $3
    if ($2 > 6000 && $3 > 4) {
        print $1, pay
        total += pay
        count++
    }
}
END {
    print "no of employees are= ", count
    print "total pay= ", total
    if (count > 0)
        print "average pay= ", total / count
}
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"emp.awk" 20L, 331B                                          1,1           All
```
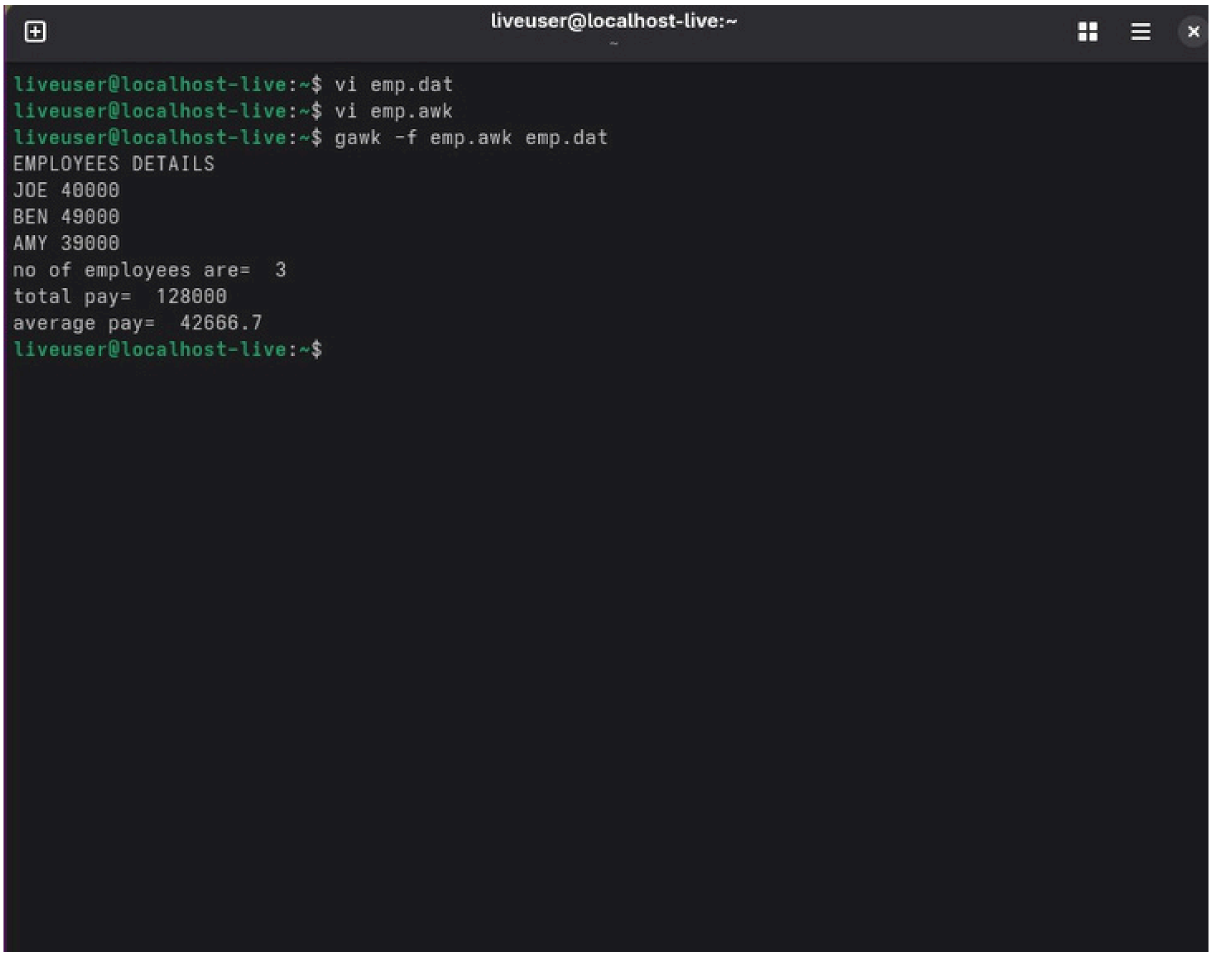
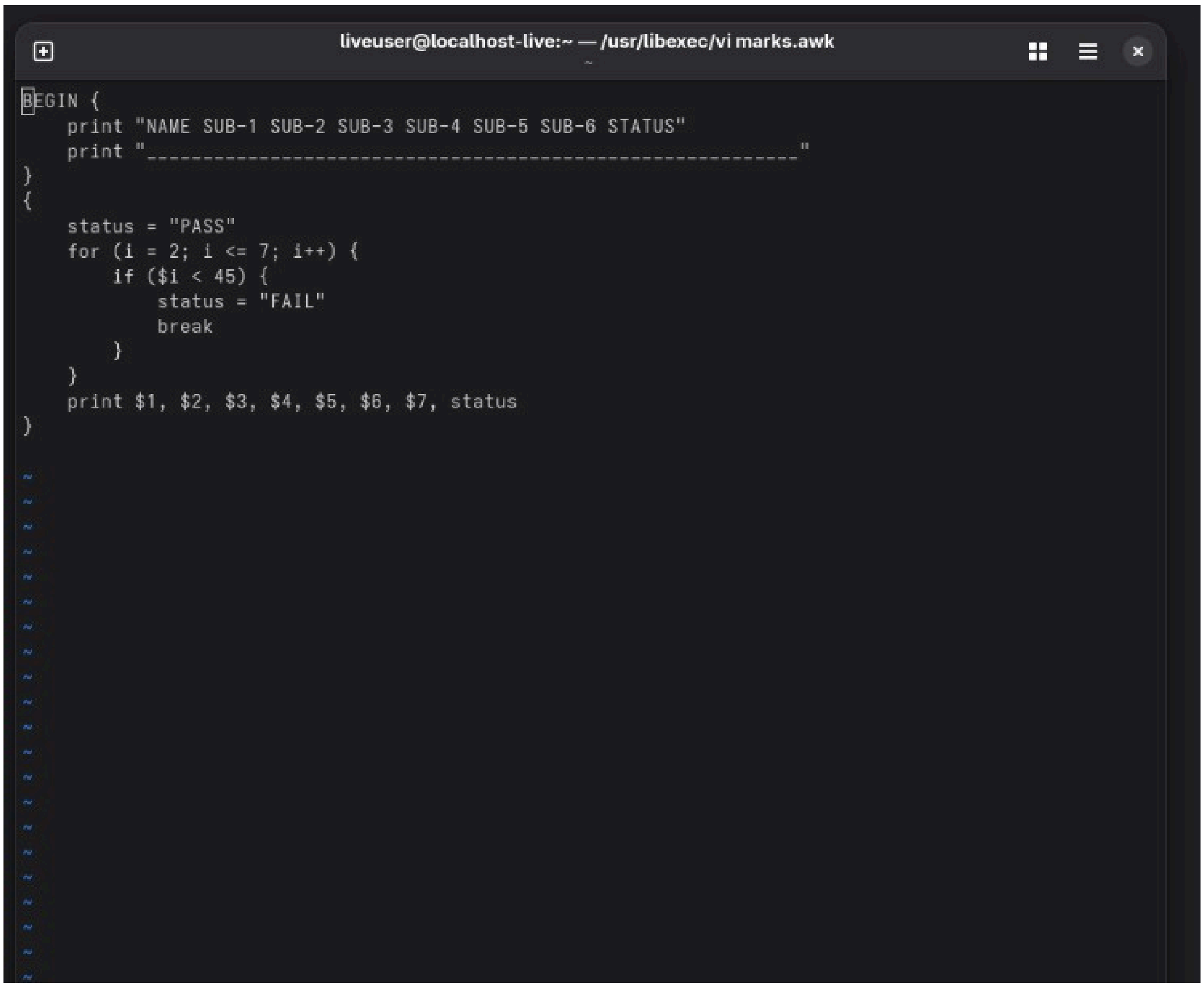



```
liveuser@localhost-live:~$ vi emp.dat
liveuser@localhost-live:~$ vi emp.awk
liveuser@localhost-live:~$ gawk -f emp.awk emp.dat
EMPLOYEES DETAILS
JOE 40000
BEN 49000
AMY 39000
no of employees are=  3
total pay=  128000
average pay=  42666.7
liveuser@localhost-live:~$
```

RESULTS OF EXAMINATION



```
BEGIN {
    print "NAME SUB-1 SUB-2 SUB-3 SUB-4 SUB-5 SUB-6 STATUS"
    print "___________________________________________________________"
}
{
    status = "PASS"
    for (i = 2; i <= 7; i++) {
        if ($i < 45) {
            status = "FAIL"
            break
        }
    }
    print $1, $2, $3, $4, $5, $6, $7, status
}

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```

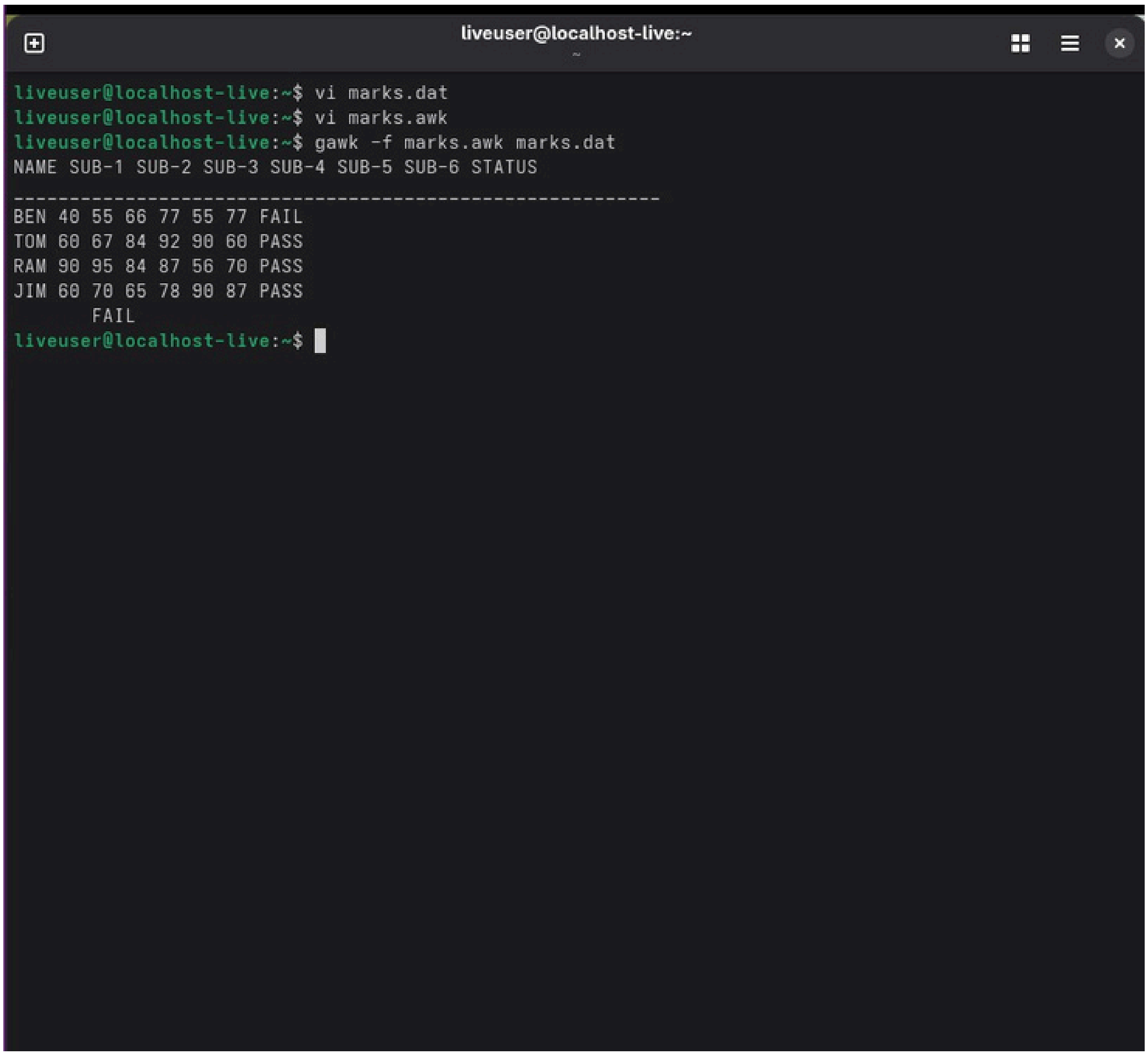

liveuser@localhost-live:~

```
liveuser@localhost-live:~$ vi marks.dat
liveuser@localhost-live:~$ vi marks.awk
liveuser@localhost-live:~$ gawk -f marks.awk marks.dat
NAME SUB-1 SUB-2 SUB-3 SUB-4 SUB-5 SUB-6 STATUS
----------------------------------------------------------
BEN 40 55 66 77 55 77 FAIL
TOM 60 67 84 92 90 60 PASS
RAM 90 95 84 87 56 70 PASS
JIM 60 70 65 78 90 87 PASS
       FAIL
liveuser@localhost-live:~$
```