

Ex No.: 4b

AWK SCRIPT

Date : 12.02.2025

Aim :

To print the pass/fail status of a student in a class.

Code:

```
//res.awk
```

```
BEGIN {  
    print "NAME", "\t", "SUB-1", "\t", "SUB-2", "\t", "SUB-3", "\t", "SUB-4", "\t", "SUB-5", "\t",  
    "SUB-6", "\t", "STATUS"  
    print "-----"  
}  
  
{  
    if ($2 < 45 || $3 < 45 || $4 < 45 || $5 < 45 || $6 < 45 || $7 < 45)  
        print $1, "\t", $2, "\t", $3, "\t", $4, "\t", $5, "\t", $6, "\t", $7, "\t", "FAIL"  
    else  
        print $1, "\t", $2, "\t", $3, "\t", $4, "\t", $5, "\t", $6, "\t", $7, "\t", "PASS"  
}  
END {  
    print "-----"  
}  
  
//res.dat
```

```
BEN 40 55 66 77 55 77
```

```
TOM 60 67 84 92 90 60
```

```
RAM 90 95 84 87 56 70
```

```
JIM 60 70 65 78 90 87
```

Output:

| 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 |

Result:

Thus the awk script to find the pass/fail status of the students has been executed successfully.