

Ex. No.: 3 b

Date: 9.3.24

RESULTS OF EXAMINATION

Aim:

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

Algorithm:

1. Read the data from file
2. Get a data from each column
3. Compare the all subject marks column
 - a. If marks less than 45 then print Fail
 - b. else print Pass

Program Code:

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

BEGIN {

print "NAME", "It", "SUB-1", "It", "SUB-2",
"It", "SUB-3", "It", "SUB-4", "It", "STATUS"

```
print "-----\n"
}
{
    # Body
    if ($2 < 45 || $3 < 45 || $4 < 45 || $5 < 45 ||
        $6 < 45 || $7 < 45)
    {
        print $1, "\t", $2, "\t", $3, "FAIL"
    }
    else
    {
        print $1, "\t", $2, "\t", $3, "\t",
            $4, "PASS"
    }
}
END {
    print "-----\n"
}
```

OUTPUT

Name	Sub-1	Sub-2	Sub-3	Sub-4	Status
BEN	40	55	66	77	FAIL
TOM	60	67	84	92	PASS
RAM	90	95	84	87	PASS
JIM	60	70	65	78	PASS

1. Result: The above commands are executed
successfully

16/3/24
10/10