

7.4 Write a program that reads from the payroll data from an input file “Infile7-4.dat” and print on the screen and also to an output file the gross pay for each employee.

The data file contains the staff ID, hours worked and hourly rate for each employee. When the hours worked is less than or equal to 160, the gross pay is simply calculated as worked hours * hourly rate. If the hours worked is greater than 160, the first 160 hours are remunerated as normal and the rest hours will be remunerated as 1.5 times greater.

Data file “Infile7-4.dat”:

```
00123 150 6.8
01234 170 6.8
11234 340 5
12567 90 7.8
23456 240 12
```

Sample running :

This program reads a list of payroll data from a data file and calculate the pay.

Data input starts :

Staff	Hours	Rate	Gross Pay
00123	150.0	6.80	1020.00
01234	170.0	6.80	1190.00
11234	340.0	5.00	2150.00
12567	90.0	7.80	702.00
23456	240.0	12.00	3360.00

Total pay : 8422.00

End of Program

Output file :

```
00123 150.0 6.80 1020.00
01234 170.0 6.80 1190.00
11234 340.0 5.00 2150.00
12567 90.0 7.80 702.00
23456 240.0 12.00 3360.00

Total pay : 8422.00
```