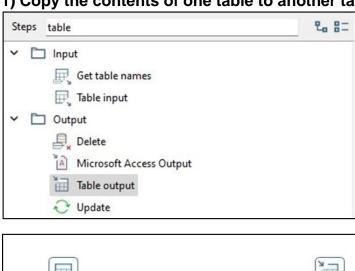
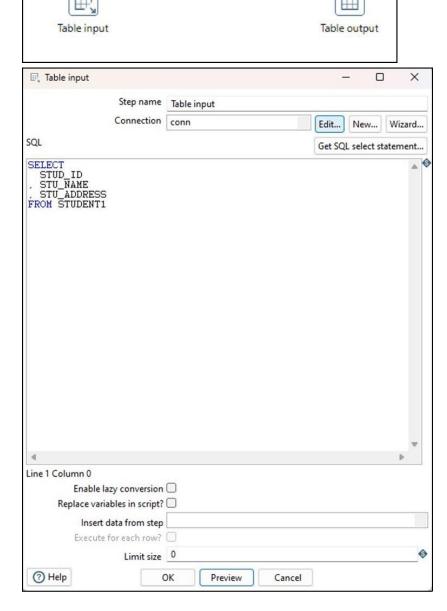
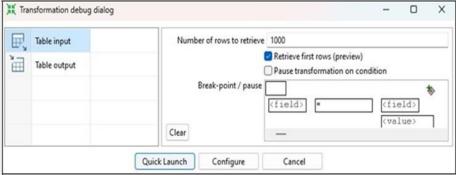
Implementation ETL transformation with Pentaho

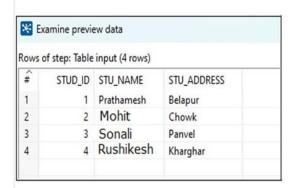
1) Copy the contents of one table to another table



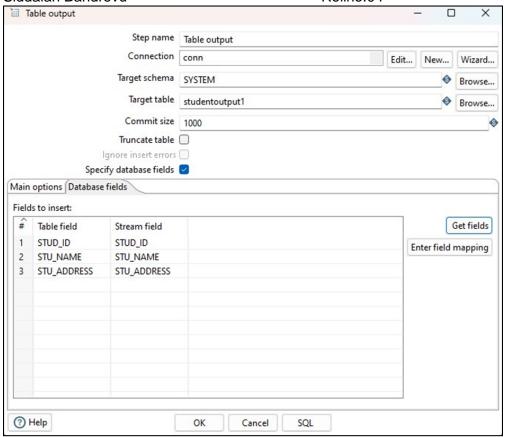


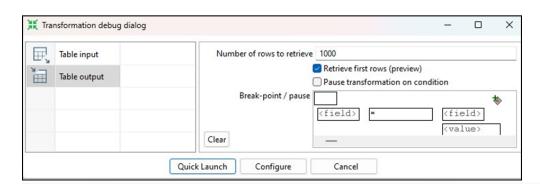


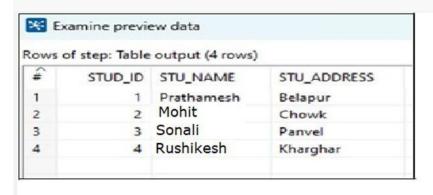


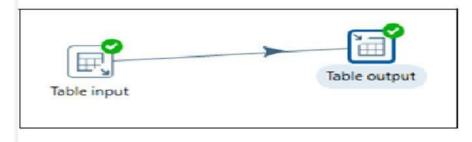










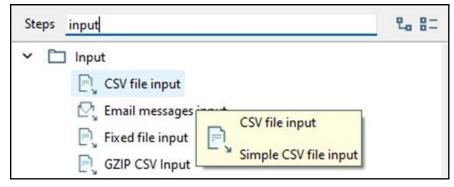


```
SQL> select * from studentoutput1;

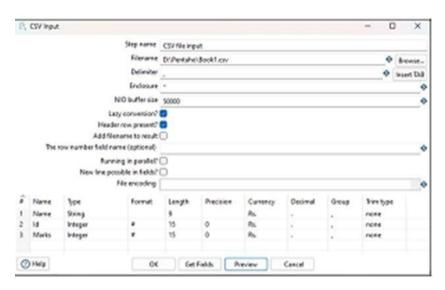
STUD_ID STU_NAME STU_ADDRESS

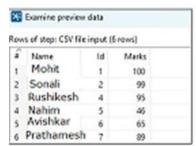
1 Prathamesh Belapur
2 Mohit Chowk
3 Sonali Panvel
4 Rushikesh Kharghar
```

2) Copy contents of .CSV file to target table



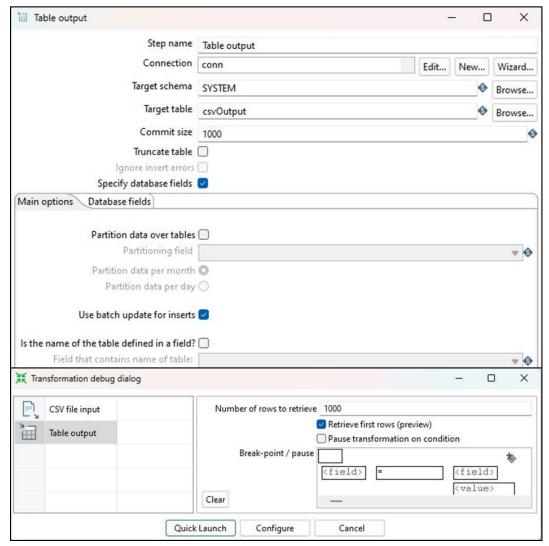


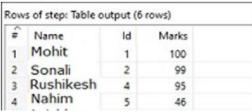




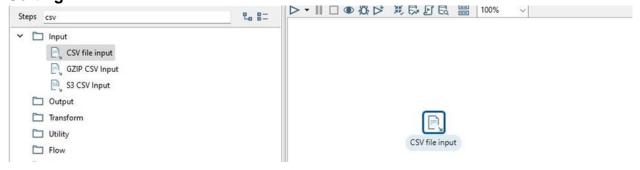


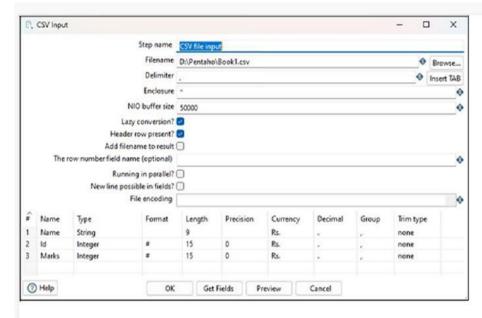


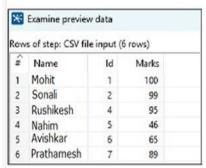




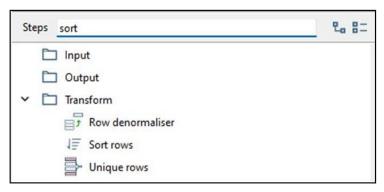
3) Implement ETL using the following transformations a) Sorting

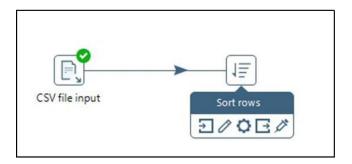




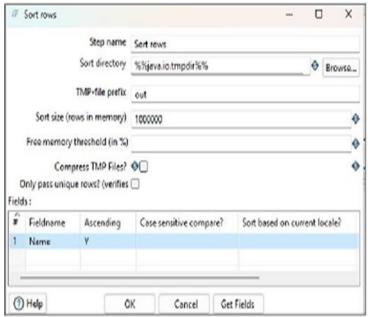


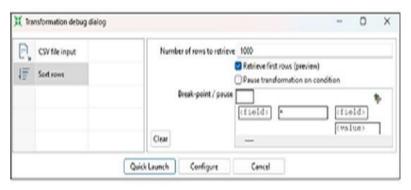


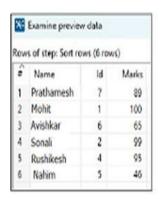


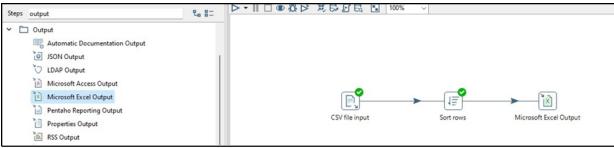


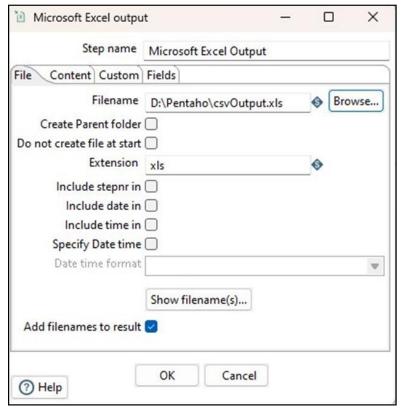


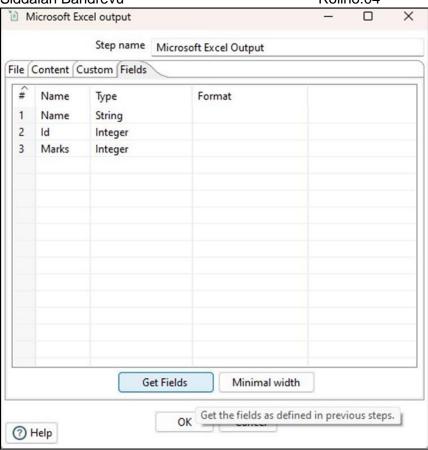


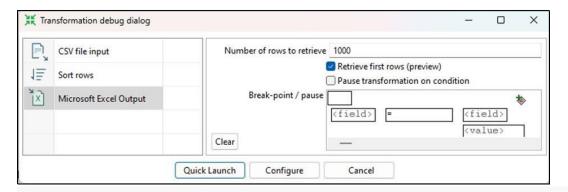


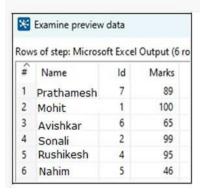


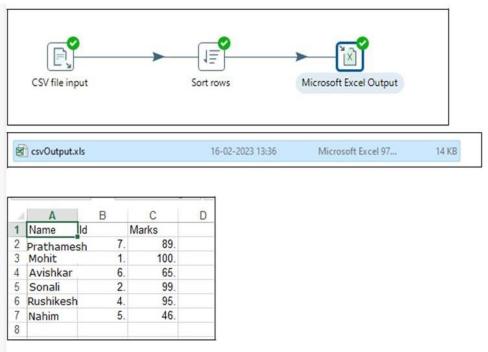




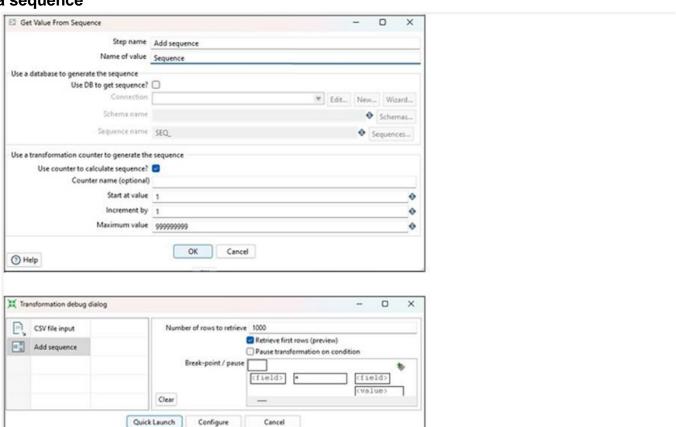




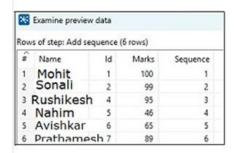


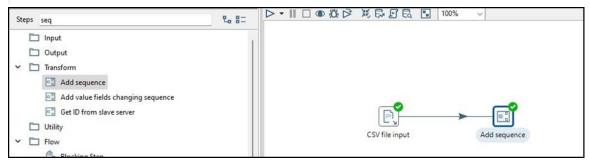


a sequence

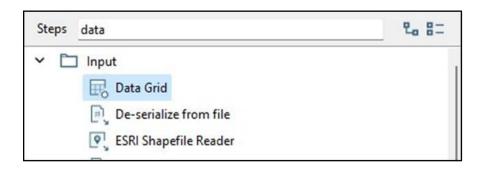


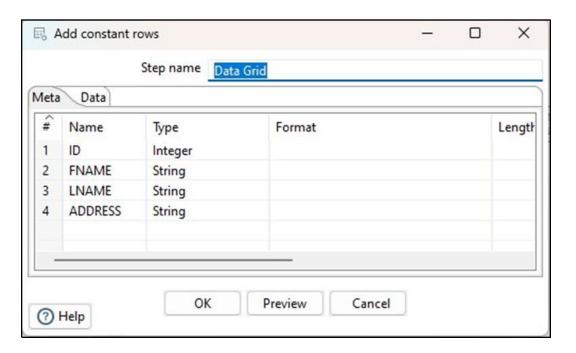
b) Adding

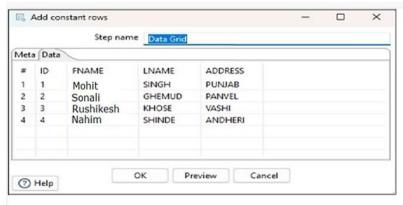




c) Concat Field

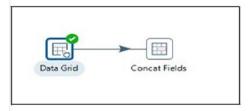


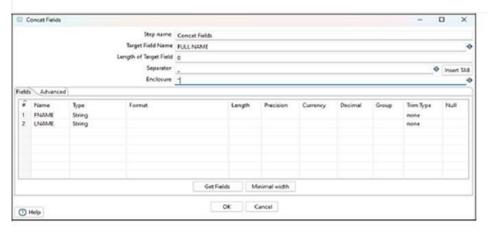


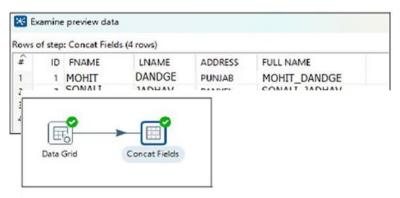


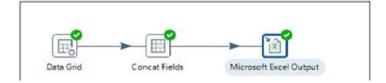




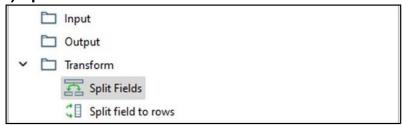


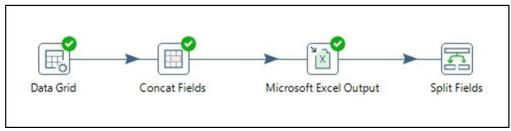


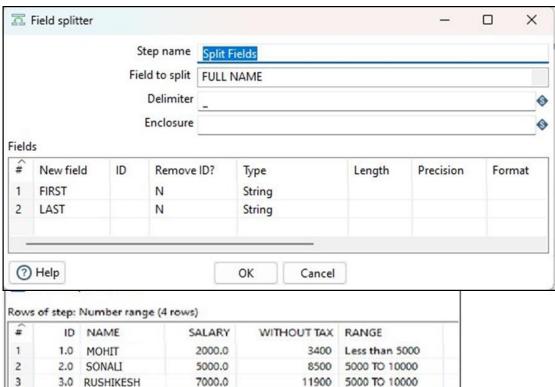




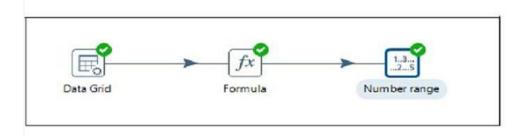
d) Split Fields





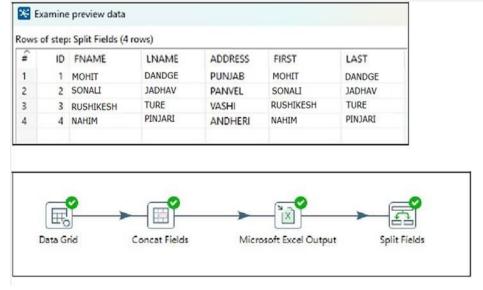


17000 5000 TO 10000

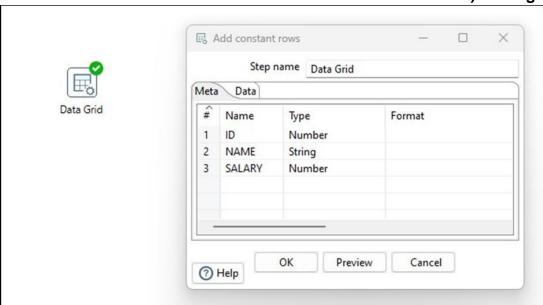


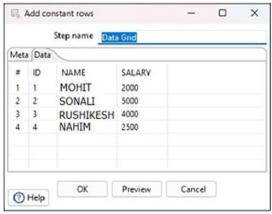
10000.0

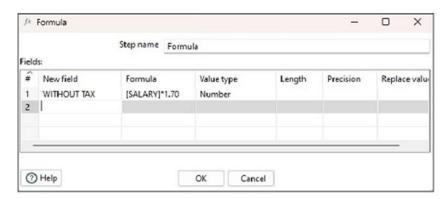
4.0 NAHIM

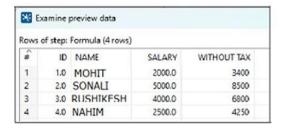


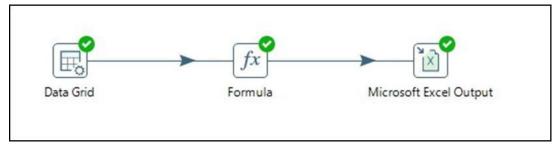
e) Adding Formula



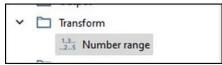


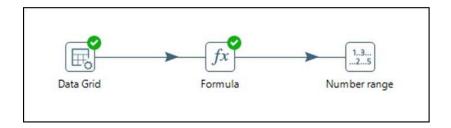


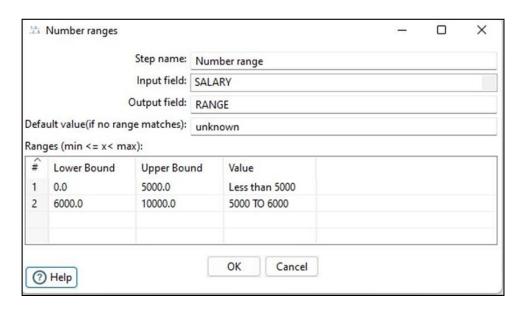




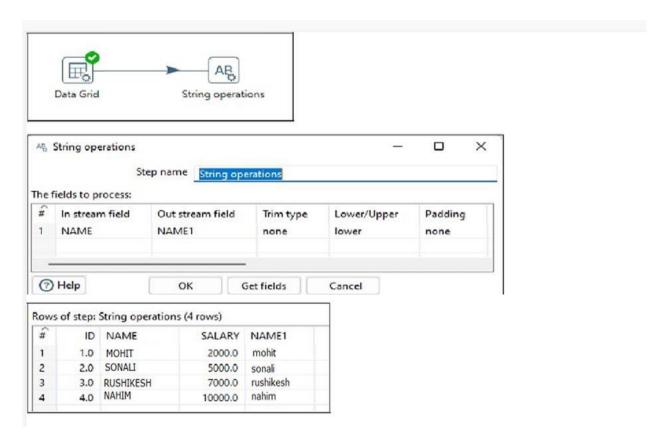
f) Adding Number Range



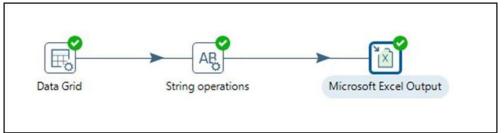




g) String Operation

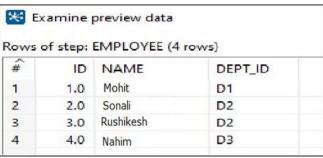


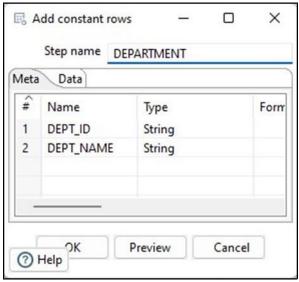
Siddaiah Bandrevu Rollno:04 Div:A

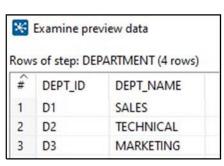


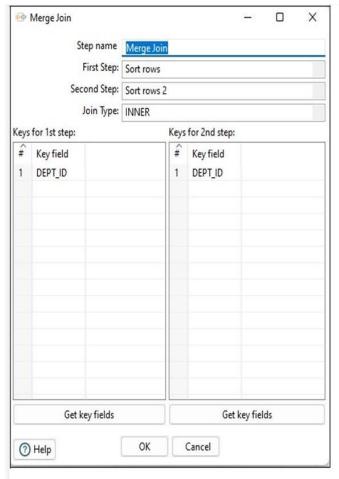
4) Implement the merge join transformation on tables.

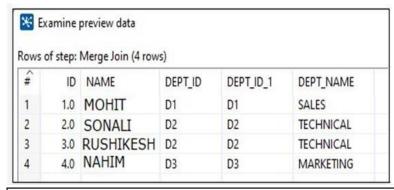


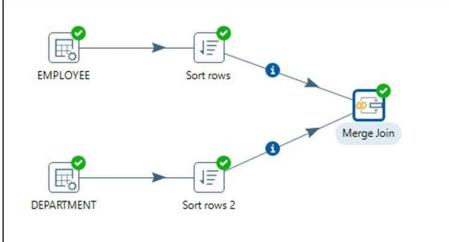








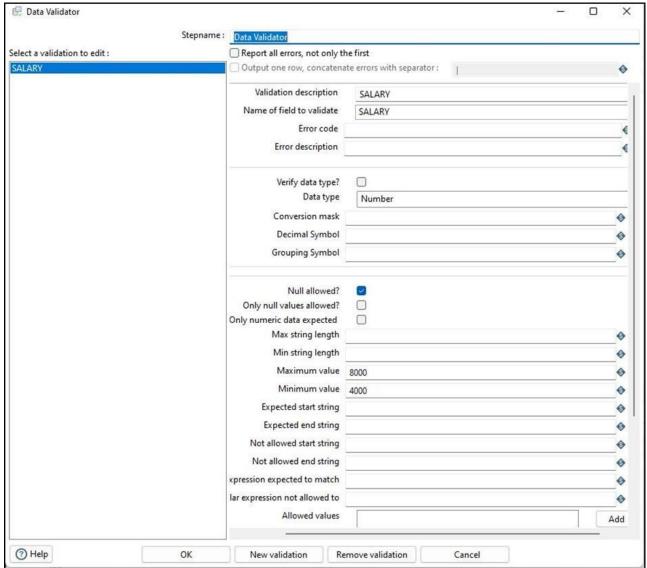


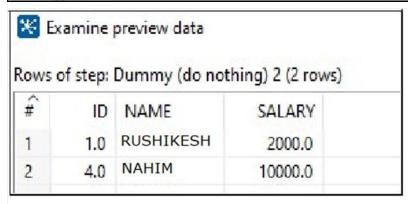


5) Implement data validations on the table data.

(Perform the transformations such that the validated data is transferred to a table and the invalid data is transferred to another table)







Ex	amine	preview data	
WS 0	of step:	Dummy (do no	thing) (2 rows)
	ID	NAME	SALARY
	2.0	MOHIT	5000.0
	3.0	SONALI	7000.0

