

CSE 310 L Data Warehousing and Mining

Date: 08-08-2023

1. Write a Python program to create a text file "transactions.txt" of the following from. Save the program as "create_textfile_static.py" **-DONE**

T1-A B C D
T2-B C D
T3-A B C
T4-B C E
T5-A C D

2. Write a Python program to read and display the contents of the file "transactions.txt". Save the program as "read_textfile.py" **-DONE**
3. Write a Python program to create a text file "transaction2.txt". Save the program as "create_textfile_dynamic.py". Input should be in the following format. After executing the program 3, run program 2 and read the contents of the file "transactions2.txt" **-DONE**

```
Enter transaction id:T1
Enter number of items purchased in transaction:4
Enter the item:A
Enter the item:B
Enter the item:C
Enter the item:D
Enter transaction id:T2
Enter number of items purchased in transaction:3
Enter the item:B
Enter the item:C
Enter the item:D
Enter transaction id:T3
Enter number of items purchased in transaction:3
Enter the item:A
Enter the item:B
Enter the item:C
Enter transaction id:T4
Enter number of items purchased in transaction:3
Enter the item:B
Enter the item:C
Enter the item:E
Enter transaction id:T5
Enter number of items purchased in transaction:3
Enter the item:A
Enter the item:C
Enter the item:D
```

4. Write a python program to generate 100 random integers in the range 1 to 50 (including 1 and 50). Save the program as "random_number.py") **-DONE**
5. Write a Python program to generate at least 10,000 transactions in a text file "transactions3.txt" with at least three items. Save the program as "experiment3.py" **-DONE**