Programs | Class Room Assignment-10

1. Write a program to count how many times character ‘t’ occurs in a file.

2. Write a program to count no of words in a text file and average word size.

3. Write a program to copy content of one file into another file.

4. Write a program to store transaction details of a customer in a file and counts how many times amount is credited and debited.

5. Write a program to count number of bytes in a image file(jpeg/png/gif). Also find how much time it will take to upload the file on server if internet speed is 256 bps(bitsper second).

6.Write a program to store your shopping details in a binary file(shopping.dat) with information itemName, price, quantity. (Use ObjectOutputStream to store Item class object )

7. Write a program to read data from shopping.dat file creted in above problem and find total money spent on all shopping items. . (Use ObjectInputStream to read Item class object ).

8. Create a Thread class to print following star(\*) pattern on screen with delay of 1

second between each \* print. Number of lines in the pattern should be passed

to the constructor of Thread class.

\* \* \* \* \*

\* \* \* \*

\* \* \*

\* \*

\*

Use this class in main method and ask user to enter number of lines to print.

9. Create a class that checks whether a given number is prime or not using Runnable interface

10. Print Output like this : hii hii hii hii HELLO ii hii hii hii hello hii hii hii hii HELLO .... using thread

11. Write a program showing the concept of Deadlock(Other then classroom example).

12. Write a program showing the concept of Thread Synchronization(Other then classroom example).

13. Write a program to create UserDefined Exception(Other then classroom example).

14. Design a Swing frame in which a label with your name moves from left to right corner of frame repeatedly.

15. Design a AWT/SWING frame as shown below in which when user clicks on button the number of times user click should be displayed on label.

Refer classroom assignment programs 15 for swing assignment questions.

**New Questions added :**

1. Copy contents from one file to another.

2. List all files and directories in a given folder.

3. Read a CSV file and display its contents in a formatted way.

4. Delete a file from the system using Java.

5. Rename a file and move it to a different directory.