GLS UNIVERSITY
BCA (SEM-V)
SUBJECT: Practical based on advance Java
ASSIGNMENT – I

1.	Write a Java program to check whether file exist or not.
2.	Write a Java program to list out files in given directories.
3.	Write a Java program to check whether file is writable or not.
4.	Write a Java program to check file is readable or not.
5.	Write a Java program to display file size.
6.	Write a Java program to print file information.
7.	Write a Java program to check whether string entered by user is file or not.
8.	Write a Java program to check whether string entered by user is directory or not.
9.	Write a Java program to pass 5 file names from command line check whether each file is writable or not.
10.	Write a Java program to read one file byte by byte and write all those bytes to new file using file input/output stream.
11.	Write a Java program to read one file byte by byte and write even numbers to even.dat and others to odd.dat using file input/output stream.
12.	Write a Java program to write an interger array to File using FileOutputStream class.
13.	Write a Java program to read a byte array using ByteArrayInputStream class.
14.	Write a Java program to read contents of file in byte array and display it using ByteArrayInputStream class.
15.	Write a Java program to write
16.	Write a Java program to take string from user using command line argument and write it to ByteArrayOutputStream and later on write this ByteArrayOutputStream object to file.
17.	Write a Java program to read file contents using ByteArrayInputStream and print all the characters in UpperCase on screen.
18.	Write a Java program to read file using BufferedInputStream and also print number of available byte and whether mark is supported or not to stream.
19.	Write a Java program to read only those characters whose position is even from file using BufferedInputStream.
20.	Write a Java program to read only first 25 characters from file and keep characters to byte array using BufferedInputStream.
21.	Write a Java program to write a byte array to file making use of BufferedOutputStream.
22.	Write a Java program to write first ten even numbers to file making use of BufferedOutputStream.
23.	Write a Java Program to read file content to byte array using BufferedInputStream class and print that array on screen.
24.	Write a Java Program to read file using DataInputStream.
25.	Write a Java Program to write data in file using DataOutputStream. Take input from keyboard.

26.	Write a java program to read two files using SequenceInputStream.
27.	Write a Java Program to store objects in File.
28.	Write Java Program to read objects from file.
29.	Write a Java program to perform read and write operation on file using single Byte stream (RandomAccessFile class).
30.	Write a program to read bytes from a file and store them in char array and then read this char array using CharArrayReader class.
31.	Write a program to implement the concept of CharArrayWritter.
32.	Write a program to read data from a file using InputStreamReader.
33.	Write a program to write vowels into a file using OutputStreamWriter class.
34.	Write a java program to read a file using FileReader
35.	Write a program to write your name and address into file using FileWriter.
36.	A random access file contains int type data. Write a java program to read the first, 5th and 9th int values.
37.	Write a Java program to read 5 characters from a file using FileReader.
38.	Write a Java program to read from a file using BufferedReader.
39.	Write a Java program to write in a file using Bufferedwriter.
40.	Write a java program to count occurence of character "A" in your file.
41.	Write a java program to display contents of file in reverse order.

Note: All the students have to perform practicals in following sequence :

Roll. No.	Program Number
A001 to A015, B001 to B015, C001 to C015	1,7,13,19,25,31,37
A016 to A030, B016 to B030, C016 to C030	2,8,14,20,26,32,38
A031 to A045, B031 to B045, C031 to B045	3,9,15,21,27,33,39
A046 to A060, B046 to B060, C046 to C060	4,10,16,22,28,34,40
A061 to 0A75, B061 to B075, C061 to C075	5,11,17,23,29,35,41
A076 onwards, B076 onwards, C076 onwards	6,12,18,24,30,36,37