**Assignment on Java**

**Saraswati**

Q.1 Write a program to create a class and an object of the class and call the method of the class which prints a message on the Screen.

Q.2 Write a Program to print "Hello" , 5 times on the screen.

Q.3 Write a program to inherit a class from other class.

**Shubham**

Q.1 Write a program to create an interface and a class and inherit the features of them in other class.

Q.2 Write a Program to create a Thread using Runnable interface.

Q.3 Write a Program to demonstrate the concept of method Overloading.

**Priyal**

Q.1 Create a class which has a method as checkName(). In this method take a name from user . If length of name is zero then throw NullPointerException.

Q.2 Create a Program to implement the concept of Abstract Class.

Q.3 Write a program to implement the concept of Nested classes.

**Albin**

Q.1 Write a program to implement the use of while loop and do while loop.

Q.2 Write a program to implement the concept of method Overriding.

Q.3 Write a program to implement an interface in a class which has a method showAlphabets() which displays alphabets from A to E.

**Simaran**

Q.1 Write a program to take a string from user and find its length, reverse the string, change to upper case.

Q.2 Write a program to show the concept of Upcasting using interface.

Q.3 Write a program to make an ArrayList of Integers and print elements in reverse order.

**Samar**

Q.1 Write a program to create a two linked lists where elements from one linked lists should be copied to other linked list.

Q.2 Write a program to implement the concept of Local Inner class.

Q.3 Create a program which throws ArrayIndexOutOfBoundsException.

**Krishnal**

Q.1 Write a program to accepts two command line arguments and compare these numbers and find and display the Maximum number.

Q.2 Write a program to demonstrate the use of Nested Try-Catch block.

Q.3 Write a program to Create a custom Exception and throw it.

**Raheen**

Q.1 Write a program which accepts First Name and Last Name from user. Concatenate First name and last name and display the size of Full name along with Full name.

Q.2 Write a program to create two interfaces and a class . one interface inherits the other interface and the child interface is implemented by the class which displays the functionality.

Q.3 Write a program to define the concept of constructor Overloading.

**Neha**

Q.1 Write a program to display the 5 elements of an Array using For Each loop.

Q.2 Create a class which sets the name of Employee in setter method and returns the name in getter method . Display the name.

Q.3 Make a program to call the super class constructor in child class using super keyword.

**Chitra**

Q.1 Write a program Create two threads of a class in which first thread is printing only Even numbers between 1 and 20 and second thread is printing only alphabets.

Q.2 Make a method inside a class which accepts an Integer array of 5 ages and calculates the average of ages. Print the average age.

Q.3 Write a program to create a HashMap object which adds record of 3 students as rollno and Percentage. Display Percentage along with Rollno.