**Assessment -4**

1.Write a program to sort a map by value ?

2.Find longest substring without repeating characters using scanner ?

**3.Write a program to Multiply two matrices ?**

4.Java Program To Find Continuous Sub Array In Array Whose Sum Is Equal To Number?

5.How To Create Spiral Of Numbers (Spiral Matrix) In Java?

1 2 3 4

12 13 14 5

11 16 15 6

10 9 8 7

6.Write a program to take data from emp file and prepare department wise separate list of data using Map ?

7.Design a servlet application it should take input data from the user and needs to save those data into database and

while click on show data you should retrieve data from DB and show to user ?

fields: firstName

LastName

Date of birth

Gender

Department(java,DB,Functional,support)

8.Write a program for Integer array sorting without using sort method ?

**9. Write a program that below lists data should be same without using loops?**

**input:**

**list1=["Java","Servlets","JDBC","CoreJava","Hibernate"]**

**list2=["Java","Servlets","JDBC","CoreJava","Spring","JSP"]**

**output:**

**list2=["Java","Servlets","JDBC","CoreJava"]**

**10. Write program for concat two files data into one excel ?**