**Assignments Module – 3 (CoreJava)**

**1.W.A.J.P to Take three numbers from the user and print the greatest number.**

**https://github.com/zankhanaborad/Software-Testing/blob/main/Module%202.docx**

**2.W.A.J.P in Java to display the first 10 natural numbers using while loop.**

**https://github.com/zankhanaborad/Software-Testing/blob/main/practical11.java**

**3.W.A.J.P to find factorial for Given Number.**

**https://github.com/zankhanaborad/Software-Testing/blob/main/practical12.java**

**4.W.A.J.P to check given number is Prime or not?**

**https://github.com/zankhanaborad/Software-Testing/blob/main/practical13.java**

**5.W.A.J.P to check given number is Armstrong or not?**

**https://github.com/zankhanaborad/Software-Testing/blob/main/practical14.java**

**6.W.A.J.P for create Fibonacci Series.**

**https://github.com/zankhanaborad/Software-Testing/blob/main/practical15.java**

**7.W.A.J.P to Print pattern Given Below.**

**1)**

**1**

**12**

**123**

**1234**

**12345**

**2)**

**1**

**12**

**123**

**1234**

**12345**

**3)**

**1**

**01**

**101**

**01010**

**101010**

**4)**

**1**

**2 2**

**3 3 3**

**4 4 4 4**

**5)**

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**https://github.com/zankhanaborad/Software-Testing/blob/main/Practical3.java**

**8.WAP to compute the sum of the first 100 prime numbers.**

**https://github.com/zankhanaborad/Software-Testing/blob/main/Practical4.java**

**9.WAP to sum values of an array.**

**https://github.com/zankhanaborad/Software-Testing/blob/main/Practical5.java**

**10.WAP to calculate the average value of array elements.**

**https://github.com/zankhanaborad/Software-Testing/blob/main/Practical5.java**

**11.WAP to find the index of an array element.**

**https://github.com/zankhanaborad/Software-Testing/blob/main/Array.java**

**12.WAP to find the maximum and minimum value of an array.**

**https://github.com/zankhanaborad/Software-Testing/blob/main/practical16.java**

**13.WAP to Compare Two String.**

**https://github.com/zankhanaborad/Software-Testing/blob/main/Practical6.java**

**14.WAP to concatenate a given string to the end of another string.**

**https://github.com/zankhanaborad/Software-Testing/blob/main/Practical6.java**

**15.WAP to demonstrate try catch block.**

**https://github.com/zankhanaborad/Software-Testing/blob/main/practical10.java**

**16.WAP to demonstrate multiple catch blocks**

**https://github.com/zankhanaborad/Software-Testing/blob/main/practical17.java**

**17.WAP to create one thread by implementing Runnable interface in Class.**

**https://github.com/zankhanaborad/Software-Testing/blob/main/practical18.java**

**18.WAP to create one thread by extending Thread class in another Class.**

**https://github.com/zankhanaborad/Software-Testing/blob/main/practical19.java**

**19.WAP to iterate through all elements in an array list.**

**https://github.com/zankhanaborad/Software-Testing/blob/main/practical20.java**

**20.WAP to update specific array element by given element.**

**https://github.com/zankhanaborad/Software-Testing/blob/main/practical21.java**

**21.WAP to remove the third element from an array list.**

**https://github.com/zankhanaborad/Software-Testing/blob/main/practical22.java**

**22.WAP to Copy one array into another**

**https://github.com/zankhanaborad/Software-Testing/blob/main/practical23.java**

**23.WAP to reverse an array of integer values.**

**https://github.com/zankhanaborad/Software-Testing/blob/main/practical24.java**

**24.WAP to find the second largest element in an array.**

**https://github.com/zankhanaborad/Software-Testing/blob/main/practical25.java**

**25.W.A.J.P. Create an abstract class 'Parent' with a method 'message'. It has two subclasses each having a method with the same name ‘message' that prints "This is first subclass" and "This is second subclass" respectively. Call the methods 'message' by creating an object for each subclass.**

**https://github.com/zankhanaborad/Software-Testing/blob/main/Practical7.java**

**26.W.A.J.P. which will ask the user to enter his/her marks (out of 100). Define a method that will display grades according to the marks entered as below:**

**Marks Grade**

**91-100 AA**

**81-90 AB**

**71-80 BB**

**61-70 BC**

**51-60 CD**

**41-50 DD**

**<=40 Fail**

**https://github.com/zankhanaborad/Software-Testing/blob/main/Module%202.docx**

**27.W.A.J.P. to create a custom exception if Customer withdraw amount which is greater than account balance then program will show custom exception otherwise amount will deduct from account balance.**

**Account balance is:2000**

**Enter withdraw amount:2500**

**Sorry, insufficient balance, you need more 500 Rs. To perform this transaction.**

**https://github.com/zankhanaborad/Software-Testing/blob/main/practical26.java**