**Core java Assignment**

**1>**

**please calculate the salary of the employee based on the condition if employees wage is >500 then 25000k else 20000k?**

**For solving this create a Employee class add empName and empSal as private member .**

**Now here add two method for taking the wage from user and then calculate the salary based on given wage in second method and display?**

**2>**

**create a template /class structure to store data for student where you shulde have two classes one for student which will have name,class and college name as data member and appropriate methods for taking the data and displaying them with there address fields namely state ,city but remember address should be in another class and you inherited them?**

**##note object will be of Student class.**

**3>**

**Please explain the usage with example the use of this ,super ,final , finally, private ,public and protected ?**

**4>**

**Please explain the usage of condition and loop statement with an example in core java program using some class structure?**

**5>**

**Please explain the merit of using the constructor function wih an exampe of class structure?**

**6>**

**What is the importance of polymorphism with the help of inheritance explain ?**

**7>**

**Give an example of Exception handling for better code performance and also create customized Exception class and show in the example?**

**##note for all the above questions please use class base coding structure in answers as possible to explain.**