Unit 4 End Sem Important Questions

1. What is meant by inheritance? Explain the various types of inheritance used in Java with suitable examples. [6 Marks]
   https://youtu.be/CeNNW1DBHgs
   https://youtu.be/cbHfJeg9e0k
2. Explain following keywords of Java in detail
   i) try
   ii) catch
   iii) finally [6 Marks]
3. Define package used in Java. Explain syntax, use, CLASSPATH, hierarchy of package with example. [6]
4. Explain various Exception Handling mechanisms in Java. [6]
5. What is the concept of stream, Explain byte stream and character stream in detail [6]
   https://youtu.be/Fx2Z-LTLQmU

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1. Define Inheritance and list the advantages. Explain the types of Inheritance in Java with suitable Java code. [9]
   https://youtu.be/CeNNW1DBHgs
   https://youtu.be/cbHfJeg9e0k
2. Describe Exception. Write any two examples of exceptions. Explain keywords try, catch, throw, throws and finally related to exception handling [8]
3. Demonstrate the methods of creating packages and importing them in other java programs with examples. Write about the access protection in packages. [9]
4. Explain abstract classes and polymorphism in Java with appropriate java codes. [8]
   https://youtu.be/XLhCkfjvjMs

1. What is inheritance? What are the advantages of using inheritance? Show by example the simple inheritance in Java? [9]

   https://youtu.be/CeNNW1DBHgs
   https://youtu.be/cbHfJeg9e0k

2. Explain with example how the access protection is provided for packages in java?

3. What are uncaught exceptions? Illustrate with example the use of try( ), catch( ) and throw( ) methods in exception handling? [9 Marks]

4. Differentiate between character streams and byte streams with examples. [9 Marks]

   https://youtu.be/Fx2Z-LTLQmU