



SAPTHAGIRI COLLEGE OF ENGINEERING
DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

ASSIGNMENT - 1

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| Academic year : ODD Sem 2018-2019 | | |
| Sub name : Advanced Java & J2ee | Sub-code : 15CS553 | Sem & Sec: 5th A & B |
| Date : 28/09/2018 | | |
| Staff in-charge: Prof. Kavyashree K & Prof. Ambika S | | |

Answer all the questions

| Questions | Blooms Taxonomy level | Course Outcome Mapped |
|---|-----------------------|-----------------------|
| 1. Explain Enumerations, Values() & Valuesof() methods with examples. | L1,L2 | CO1 |
| 2. Explain Autoboxing. Write a Java program that demonstrates Autoboxing. | L2,L4 | CO1 |
| 3. Explain Annotations. Write a note on builtin Annotations with program for @Override, @Inherited, @Retention. | L2 | CO1 |
| 4. Explain the following methods of java.lang.Enum with an example program (i) Ordinal ii) CompareTo() iii) equals(). | L2 | CO1 |
| 5. Explain how to obtain Annotations at Runtime by use of Reflection. | L2 | CO1 |

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| CO1 | Interpret the need for advanced Java concepts like enumerations ,Autoboxing, Autounboxing and Annotations |
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ASSIGNMENT - 3

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|--|--------------------|----------------------|
| Academic year : ODD Sem 2018-2019 | | Sem & Sec: 5th A & B |
| Sub name : Advanced Java & J2ee | Sub-code : 15CS553 | |
| Date : 28/09/2018 | | |
| Staff in-charge: Prof. Kavyashree K & Prof. Ambika S | | |

Answer all the questions

| Questions | Blooms Taxonomy level | Course Outcome Mapped |
|--|-----------------------|-----------------------|
| 1. Write a program for handling http request and response. | L1,L2 | CO4 |
| 2. Explain all the interfaces, classes and methods for javax.servlet.http package. | L2 | CO4 |
| 3. Write a program to show the handling of variables, objects, control statements, loops and methods using jsp tags. | L2 | CO4 |
| 4. What is JDBC Explain the types of JDBC drivers in detail. | L2 | CO5 |
| 5. Write a short note on Result set. | L2 | CO5 |

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| CO4 | Describe how servlets fit into Java-based web application architecture |
| CO5 | Make use of JDBC to access database through Java Programs |


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ASSIGNMENT - 2

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|--|--------------------|----------------------|
| Academic year : ODD Sem 2018-2019 | Sub-code : 15CS553 | Sem & Sec: 5th A & B |
| Sub name : Advanced Java & J2ee | | |
| Date : 28/09/2018 | | |
| Staff in-charge: Prof. Kavyashree K & Prof. Ambika S | | |

Answer all the questions

| Questions | Blooms Taxonomy level | Course Outcomes Mapped |
|---|-----------------------|------------------------|
| 1. Write a java program to store user defined classes in Collection. | L1,L2 | CO2 |
| 2. Write a java program to illustrate tree map class and hash map class. | L2 | CO2 |
| 3. Explain foreach alternate to the iterator. | L2 | CO2 |
| 4. What are collection algorithms? Explain with java program. | L2 | CO2 |
| 5. Write a java program to show the usage of load and store method. | L2 | CO2 |
| 6. Why generics are needed in Collection? Write a program with and without usage of generics. | L3 | CO2 |
| 7. What is String Buffer? Explain its constructors. | L2 | CO3 |
| 8. Explain the constructors of String Buffer. | L2 | CO3 |

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| CO2 | Interpret the need for advanced java concepts like collections in developing modular and efficient programs |
| CO3 | Interpret the need for advanced java concepts like String Handling |


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