



ACE

Engineering College

(NBA ACCREDITED B.TECH COURSES & NAAC "A" GRADE)

An Autonomous Institution

Ankushapur (V), Ghatkesar (M), Madchal.Dist – 501 301

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

II B.Tech II Semester Regular(R18) (2020-21)

Sub:JAVA

ASSIGNMENT –I:

1. List and explain java buzzwords and features?
2. Write difference between method overloading and method overriding with example?
3. How do we implement polymorphism in java? Explain?
4. what is an array? how to declare an array in java with example?
5. write about public static void main in java? a) print() b) println()
6. write about jvm architecture and garbage collection?
7. difference between constructor and method? what is constructor overloading?
8. List and Write program for uses of a) this keyword b) super keyword c) final keyword d) static keyword?
9. define inheritance? What are the benefits of inheritance?
10. Explain Datatypes in java? Discuss about type casting in Java?

ASSIGNMENT –II:

1. How to define package in java?explain the process of defining and creating a package with suitable example?
2. What is the significance of the classpath environment variable in creating/using a package?
3. Describe the process of importing and accessing a package with suitable examples?
4. Contrast between abstract class and interface? What are similarities and differences between abstract classes and interfaces?
5. Define exception? what is the difference between error and exception?how to create user defined exception?
6. Difference between checked and unchecked exception with examples?
7. Write a program with nested try statements for handling exception?
8. How to design and implement an interface in java? Give an example?
9. What is exception handling in java?
10. Write a program that illustrates the application of multiple catch statements with arithmetic Exception,ArrayIndexBounds Exception?

ASSIGNMENT –III:

1. What is Java collection Framework?
2. Explain the use of String Tokenizer with Example.
3. What is the use of Generics in collection framework.
4. Differentiate between enumerator and iterator interfaces