**Java: (day one)**

install java

install eclipse

create workspace

create project

create .java file/class

how to create packages and what is best way to give name

1. Related classes for grouping in one package

what is main method will do?

1. The execution start from main method . (entry point for program)

what is data type and different data types

1. Int (1,2,..),string ( “Raghu”,”likith”),char(‘r’,’b’),Boolean(True or false).

creating property ?

1. Int a = ? , int b = ?

creating method with void ?

1. Public void add(int a , int b){

Int c = a + b;

}

creating method with void and parameter ?

1. Public void add(int a){

Int a = 5 ;

}

creating method with return data type ?

1. public int add() {
2. int c = 2 + 3 ;

return c ;

}

creating method with return data type and parameter ?

1. A ) public int add(int a , int b) {
2. int c = a + b ;

return c ;

}

creating variable ?

A ) int a ;

creating static property ?

A ) static int a ;

creating static method ?

A ) public static void main(Sting args[]){}

creating object ?

A ) class A {}

A a;

calling method with no return ?

A ) add();

calling method with no return and parameter

A ) add(4, 5);

calling method with return and no parameter

add();

calling method with return and parameter ?

add(4, 5);

calling method with return and storing the return data

int a = add(4, 5);

calling static method

class A(){

public static int add(){

return 4+5;

}}

A.add();

using static property

class A(){

static int a = 5;

}

A.a;

**Java: Day2**

create classes under multiple packages

package one;

class A{

}

Package two;

class A{

}

calling classes under different packages

one.A = new A();

two.A = new A();

write code to handle exceptions with try/catch/finally

try{

int a = 4/0;

}

catch(ArithmeticException e){

e.printStackTrace();

}

finally{

System.out.println(a);

}

what is final keyword

It is used to declare constants.

write code for interface and create class to implement that interface

write code for creating abstract class

implement method overloading

implement method overriding

implementing polymorphism

implementing en

write a code to save data into excel file and read from excel file (POI and jexcel API)

how to update the data into XML file and read data from XML file

**Java: Day3**

write code to add items to integer, string **array**

write code to retrieve items from integer, string **array**

write code to add items to ArrayList collection

write code to retrieve items from arraylist

write code to add items HashMap

write code to retrieve items HashMap

write code to connect to JDBC to get rows from employee table

create Employee class

Add employee class to list collection

create method that return list of employee collection