

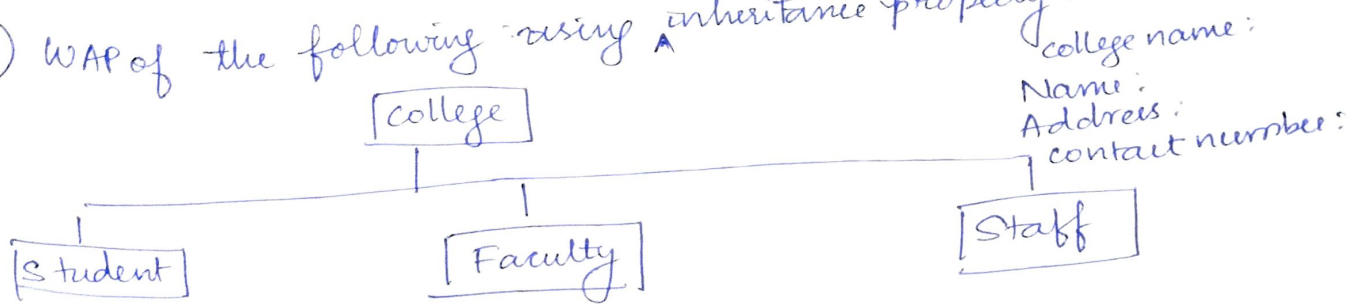
Programs to be written in Java record:

- i) WAP to display your personal information (regd no & name)
- ii) WAP that access integer type ^{data} from user and determine whether it is even or odd and display it.
- iii) WAP that adds all the even no. present in a given range.
- iv) using 2 class concept, WAP to find factorial of a no.
- v) WAP to find the largest of 3 no.s using ternary operator.
- vi) WAP that checks whether a year is leap year or not.
- vii) WAP that calculates the simple interest on a principle.
- viii) WAP that finds the sum of digit of a no.
- ix) WAP to input an integer in the range of 1 to 7 then check which is the day ^{if} the week to be printed.
- x) WAP to find all the sum of all odd integer present b/w 1 to n using do-while loop.
- xi) WAP to find the sum of all odd indexed digit of an no using continue statement.
- xii) WAP that finds the area of rectangle, triangle, square using the concept of constructor overloading.
- xiii) WAP that contain static method other than main method. It then call the method inside main without creating any object.
- xiv) WAP to find the larger among 2 no.s using the concept of method accepting obj and returning obj.

- xv) WAP that explains the use of concept of method overloading
- xvi) WAP to find fibonacci series upto n terms using passing by obj only.
- xvii) WAP to find the factorial of a no. using recursion and method accepting obj as argument and returning obj to calling method.
- xviii) WAP that shows the use of static and non static block.
- xix) WAP to implement linear search algorithm using array.
- xx) Rewrite the above program (xix) using array of obj. concept.
- xxi) WAP to perform multiplication of 2 matrices.
- xxii) WAP that creates a package which contain a class, the class contain variable, method and constructor. Design the program for calculation of gross salary of an employee, so pass the argument through constructor.
- xxiii) WAP to check whether a string is palindrome or not.
- xxiv) WAP to reverse the given string by the user.
- xxv) WAP that replaces every odd indexed character of a string with a star.
- xxvi) WAP that shows the use of string tokenizer class, constructor and method.
- xxvii) WAP that explains the concept of unboxing and autoboxing
- xxviii) WAP that uses one try and 2 catch block and 1 final block
- xxix) WAP that shows the use of ~~such~~ NoSuchElementException, ClassNotFoundException, NumberFormatException, StringIndexOutOfBoundsException, IllegalStateException, ArrayStoreException
- xxx) Define an exception called No-match Exception i.e. thrown when an entered screen is not equal to India. WAP that throws this exception

xxxii) Design an user defined exception which is thrown when it is tried to print the value of a class variable which is not converted to instance variable.

xxxii) WAP of the following using ^{constructor and} inheritance property :-



1. Name :
2. Regd No : - Student Regd No :
Faculty Regd No :
3. Department : - Student -
Faculty -
4. Pay scale : - Faculty -
Staff -

xxxiii) WAP that explains the use of method overriding.

xxxiv) WAP that contains one parent class & one child class there is a variable say named A which is present in both classes. Print the value of A of both class.

xxxv) WAP that uses ^{the} ~~and~~ interface which contains calculate method.

xxxvi) ^{WAP to} Implement that interface in a class and show how the area of rectangle can be calculated using interface.

xxxvii) Show that how.