

## VI<sup>th</sup> semester B C A 2014 admission

### Java Program list

1. Write a program to calculate the electricity bill by reading the consumer no and no of units consumed. The charges for different slabs are given below  
Up to 50 units Rs. 1.5 per unit  
50 – 100 units Rs. 2 per unit  
100 – 200 units Rs. 2.8 per unit  
200 – 300 units Rs. 3.5 per unit  
above 300 units Rs. 4.50 per unit
2. Write java program to display Fibonacci series up to n
3. Write java program to check whether a given number is perfect, abundant or deficient.
4. Write java program to check whether the given sides can form a triangle. If yes, find the type (isosceles, equilateral, scalene) and area of the triangle.
5. Write a java program to read an array of 10 numbers and to find the following.
  - a. Sum of the elements.
  - b. Average of the elements.
  - c. Maximum of the elements.
  - d. Minimum of the elements.
6. Write java program to find the sum of the digits and reverse of a given number using class and objects.
7. Write a program in java with class rectangle with the data fields length, breadth. Calculate the area. Create two objects of rectangle and compare their area.
8. Write a java program to find the volume of cube, rectangular box, cylinder using function overloading.
9. Write a java program to create a class complex. Create two objects and find the sum of two complex numbers. Read the real and imaginary part using constructor.
10. Find the area of a square and a rectangle using overloaded constructors.
11. Write a java program to create a class student. Write methods to read and display the student details. Create a derived class result. Write methods to read mark of 5 subjects and display the total and grade. Create object to read and display the result of a student.
12. Write a program to use this keyword to prevent namespace collision .
13. Write a program to find the area of circle and sphere using interface.
14. Write a java program for generating two threads. One for odd numbers and one for even numbers.
15. Write a java program to enable arithmetic exceptions using throw keyword
16. Write a java program to override method greatest () for finding the greatest of 2 numbers and 3 numbers.
17. Write an applet to display a rectangle with specified coordinate and colour passed as parameter from the HTML file.
18. Create an AWT application to add, remove items in a listbox.
19. Create an applet for a displaying smiling face.
20. Write a program to display the x and y position of the cursor movement using mouse.

## **PHP program list**

### ***javascript***

1. Write a javascript program to find the area and circumference of a circle
2. Write a javascript program to show the Alert Box?
3. write a javascript program to store different colours in an array and change the background colour of the page using this array elements
4. Write a javascript program to create clock with a timing event?
5. write a javascript program for form validation

### **HTML**

1. create an HTML page with 3 type(orderd, unordered and definition ) list element tag
2. Create an HTML page which display all alignment option of an image
3. Create an HTML page with external and internal link ?
4. Create an HTML page with a table which contain column span, row span and background color
5. Create a college website using frames and links

### **CSS**

1. Write a program to invert the behavior of the <h1> to <h6> tags using CSS
2. Write a Program to demonstrate Border colors using CSS
3. Write a Program to demonstrate Text alignment using CSS
4. Write a Program to demonstrate inline CSS

## PHP

1. write a PHP program to check whether the given number is Armstrong or not
2. Display the Fibonacci series up to a given number.
3. Create a php program to display the bio data of a person by reading the personal details using an HTML page.
4. Create a login page using database.
5. Create a mysql table student with fields roll no, name, mark, grade. Insert records in the table. Write a PHP program to display the mark list of a student by accepting the register no of the student.
6. Write a php application to generate the pay slip of an employee by accepting name, basic salary and designation. The net salary will be calculated based on the following conditions.

Designation	conveyance allowance	extra allowance
Manager	1000	500
Supervisor	750	200
Clerk	500	100
Peon	250	

HRA – 25 %

Income tax

Gross $\leq 200$	0
$2500 < \text{gross} \leq 4000$	3%
$4000 < \text{gross} \leq 5000$	5%
Gross $> 5000$	8%

Gross = basic + HRA + conveyance + extra

Net = gross – income tax

7. Create a table “product” with fields itemcode, itemname, unitprice using mysql. Write php program to insert 5 records into the table and display it in a table format.
8. Write a php program for delete and update operation on account table. The account table contain fields such as accountno, name and amount.
9. Write an HTML page to display a list of fruits in a list box. Write php program to display the names of the fruits which are selected by the user.
10. Write php program to store current date/time in a cookie and display the ‘last visited on’ datetime on the web page upon reopening of the same page.
11. Write a php program to create an array and store 10 names in the array. Do the following operations.
  - a. Display the contents using for each statement.
  - b. Display the array in a sorted order.
  - c. Display the array without the duplicate elements
  - d. Remove the last element and display
  - e. Display the array in reverse order
  - f. Search an element in the given array