KHANDELWAL COLLEGE OF MANAGEMENT SCIENCE AND TECHNOLOGY

JAVA PROGRAMMING

LAB ASSIGNMENT

SNo.	PROGRAM NAME	REMARK/SIGN
1.	WAP to print Introduction of Java. (which includes Developer of java , Original name of java , year of Java , basic feature of Java.)	
2.	WAP to print the size of all the data types in well format. (byte,short, int,long,float,double,char,Boolean)	
3.	WAP to take input of three number by using command line argument and calculate sum.	
4.	WAP to take input of two number by using InputStreamReader and BufferedReader class and swap them for eg. (Enter number one 4 Enter number two 5 After swapping number are 5 and 4)	
5.	WAP to print average of three real numbers taken as input from user.	
6.	WAP to print Electricity bill according to following slab. **Fixed Monthly Rent: Rs. 65 per KV** **Unit** **Charges(Rs.) per Unit** Less than 100 1.50 100 – 200 2.50 200 – 300 3.50 Above 300 6.0	
7.	WAP to print bill and discount according to Customer purchasing **Purchasing(Rs.)** **Discount** Less than 2000 print sorry no discount Above 2000 Get 15%	
8.	WAP to check given character is vowel or not.	
9.	WAP to input any number and print it in words. (123 - ONE TWO THREE).	
10	WAP to display all the prime no's between 1 to 1000.	
11	WAP to print Fibonacci series. (0 1 1 2 3 5 8 13 21…………………..)	
12	WAP to print whether given no is Armstrong or not. (An Armstrong number is an n-digit number that is equal to the sum of the nth powers of its digits. for eg.153 $1^3 + 5^3 + 3^3 = 153$.	

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	Another Armstrong number are 370,371 and 407)	
13.	WAP to print whether given no is Palindrom or not. (for eg. 121, 212 etc)	
14.	WAP to print whether given no is Handsome or not. (for eg. 459 (sum of starting two digit is equal to last digit 4+5=9)	
15.	WAP to print whether given no is Perfect or not. A number is said to be perfect number if it is equal to sum of its factors(excluding the number) (for eg. 6 is perfect no as 6=1+2+3)	
16.	WAP to check prime number? (A Prime Number can be divided evenly only by 1, or itself.) (for eg. 1 2 3 5 7 11)	
17.	WAP to print reverse number? (for eg. 123 - 321	
18.	WAP to input an alphabet as character and print its predecessor and successor character. (for eg. You have entered D Character The predecessor character is: C The Successor character is: E	
19.	WAP to print multiplication of two no without using * operator	
20.	WAP to print Remainder of given no. without using % operator.	
21.	WAP to print only even number of an array.	
22.	WAP to find maximum element of an array.	
23.	WAP to find minimum element of an array.	
24.	WAP to sort the element.	
25.	WAP to print 3*3 matrix.	
26.	WAP to to print only boundary element of a matrix.	
27.	WAP to print only diagonal element of a matrix.	
28.	WAP to print only left triangle element of a matrix.	
29.	WAP to print only right triangle of an matrix.	
30.	WAP to create a class student record system. (by using getinfo() and putinfo() method.	
31.	WAP to create a employee record system with salary management. (by using getempinfo() and disempinfo() method.	
32.	WAP to Show the types of Constructor in one program. 1. Default constructor 2. Parameterized constructor 3. Copy constructor	

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	(also use comment line to describe constructor)	
33.	WAP to create a registration form with different awt controls.	
34.	WAP to show the working interfaces.	
35.	WAP to show the working of abstract class.	
36.	WAP to show the working of multilevel inheritance.	
37.	WAP to show the working of hierarchical inheritance.	
38.	WAP to show the working of any 5 string function.	
39.	WAP to show the working of Packages.	
40.	WAP to show the working of Constructor overloading.	
41.	WAP to show the working of Method overloading.	
42.	WAP to create a frame with title.	
43.	WAP to create frame with label and button control.	
44.	WAP to Create a menu based form.	
45.	WAP to create a swing application.	
46.	WAP to show the working of Progress Bar.	
47.	WAP to show the working of Dialog boxes.	
48.	WAP to show Working of layout. Null Layout Flow Layout Border Layout Grid Layout	
49.	WAP to calculate average of three number using GUI application.	
50.	WAP to show Event handling for calculator.	
51.	Create a mini project for student information system.	

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