1. Write a program declaring a class Rectangle with data member"s length and breadth and member functions Input, Output and CalcArea.

Code.

2. Write a program to demonstrate use of method overloading to calculate area of square, rectangle and triangle.

Code.

3. Write a program to demonstrate the use of static variable, static method and static block.

Code.

4. Write a program to demonstrate concept of "this".

Code.

5. Write a program to demonstrate multi-level and hierarchical inheritance.

Code.

6. Write a program to use super() to invoke base class constructor.

Code.

7. Write a program to demonstrate run-time polymorphism.

Code.

8. Write a program to demonstrate the concept of aggregation.

Code.

9. Write a program to demonstrate the concept of abstract class with constructor and "final" method.

Code.

l0. Write a program to demonstrate the concept of interface when two interfaces have unique methods and same data members.

Code.

11. Write a program to demonstrate checked exception during file handling.

Code.

12. Write a program to demonstrate unchecked exception

Code.

13. Write a program to demonstrate creation of multiple child threads.

Code.

14. Write a program to use Byte stream class to read from a text file and display the content on the output screen.

Code.

15. Write a program to demonstrate any event handling.

Code.

16. Create a class employee which have name, age and address of employee, include method:; getdata() and showdata(), getdata() takes the input from the user, showdata() display the data in following format: Name: Age: Address:

Code.

17. Write a Java program to perform basic Calculator operations. Make a menu driven program to select operation to perform ( + - \* / ). Take 2 integers and perform operation as chosen by user.

Code.

18. Write a program to make use of BufferedStream to read lines from the keyfuoard until 'STOP' is typed.

Ans

19. Write a program declaring a Java class called SavingsAccount with members "accountNumber" and "Balance". Provide member functions as "depositAmount ()" and ''withdraw Amount O''. If user tries to withdraw an amount greater than their balance then throw a user-defined exception.

Ans

20. Write a program creating 2 threads using Runnable interface. Print your name in "run()" method of first class and "Hello Java" in "run()" method of second thread.

Code.

21. Write a swing application that uses atleast 5 swing controls

Code.

22. Write a java program to insert and update details data in the database.

Code.

23. Write a java program to retrieve data from database and display it

Code.