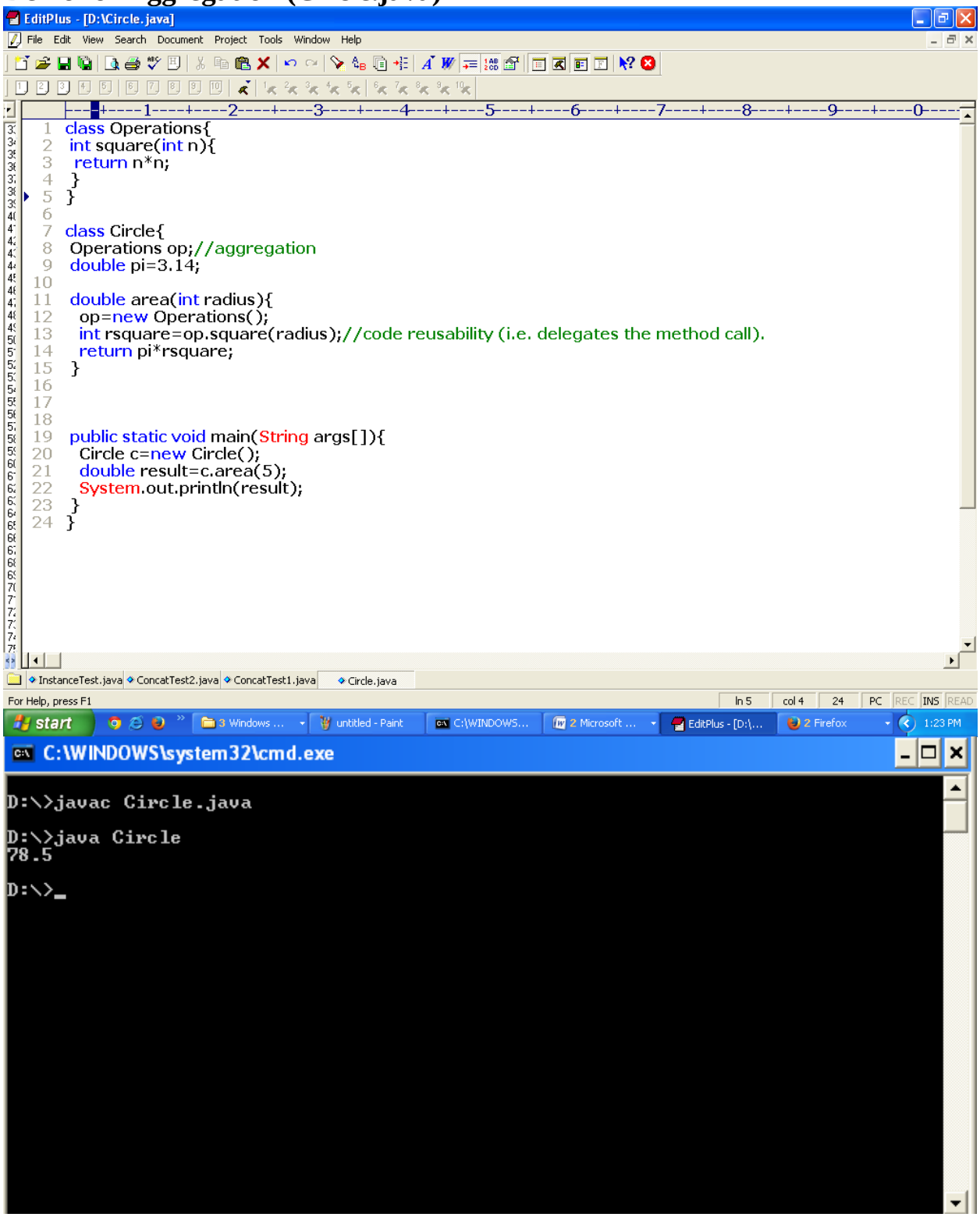
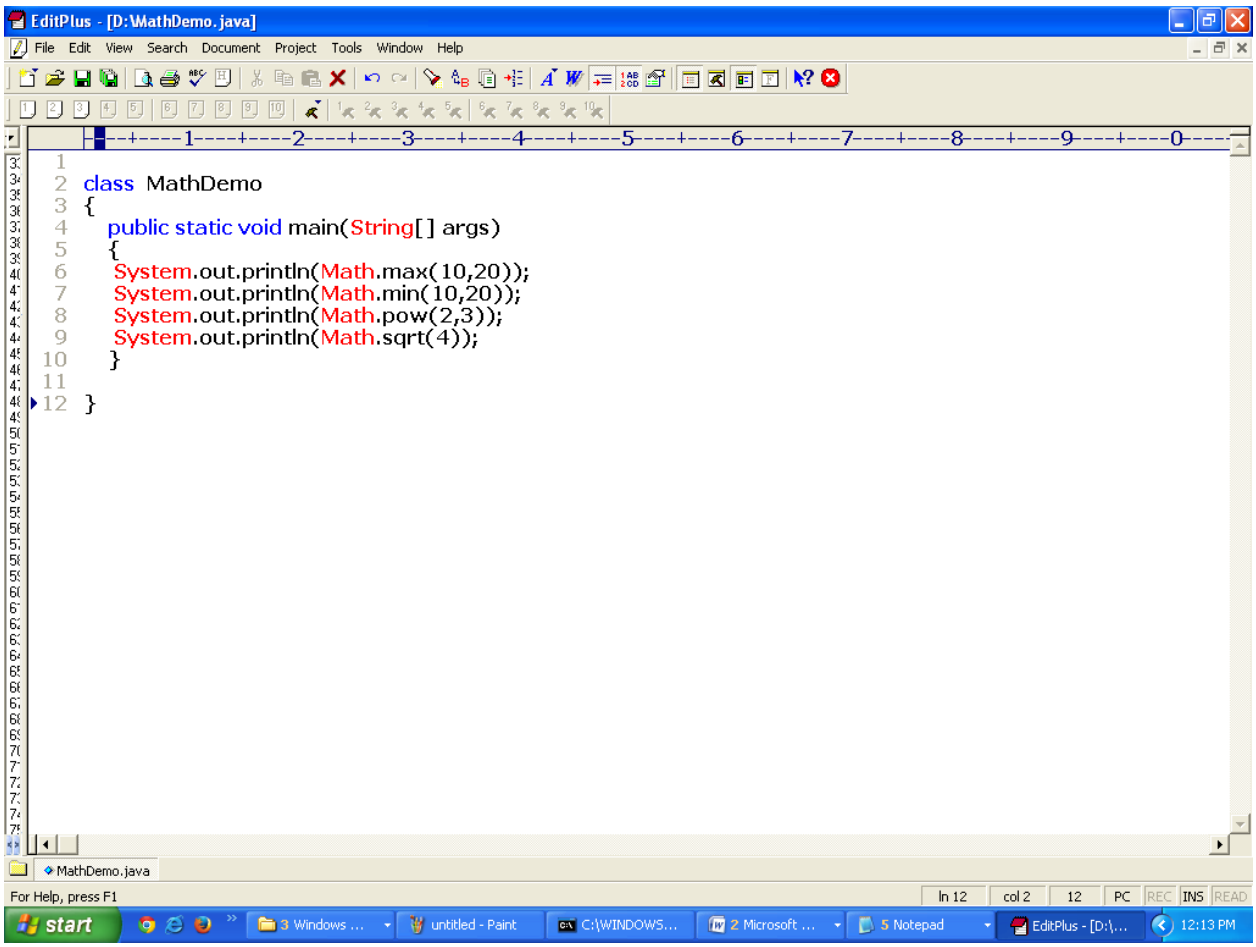
Lab-4 Assignments

Introducing array of objects, Aggregation, Containment, String , StringBuffer,StringBuilder , Math and Wrapper classes

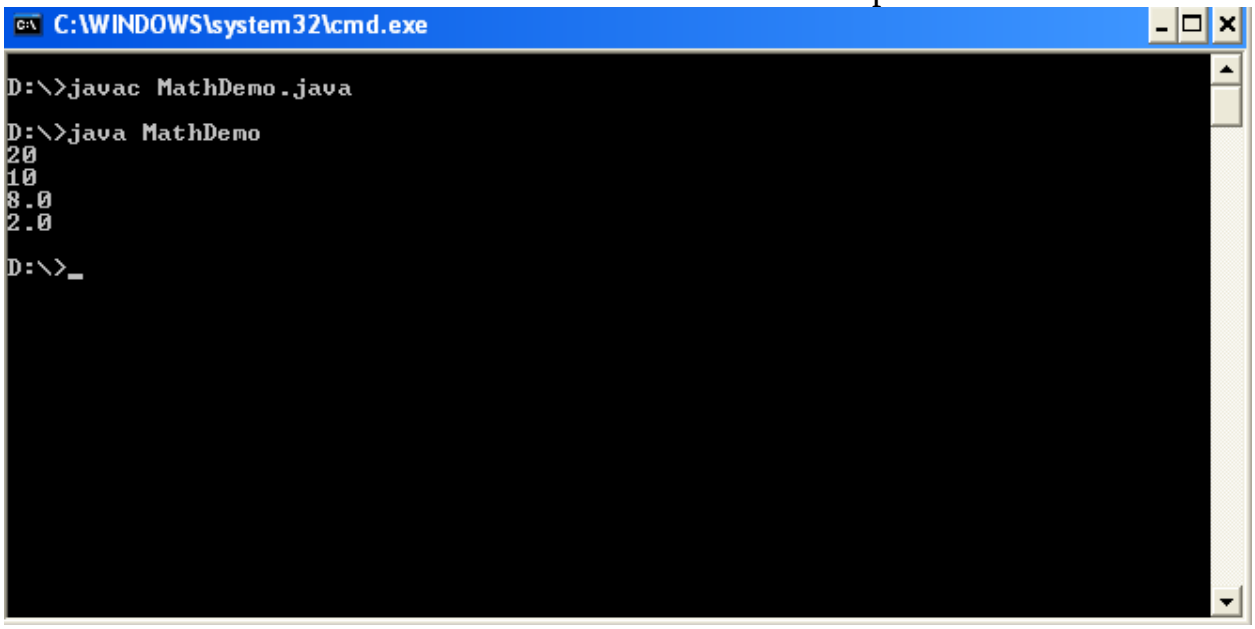
Demo for Aggregation (Circle.java)



Demo for using Readymade class methods(Math class)

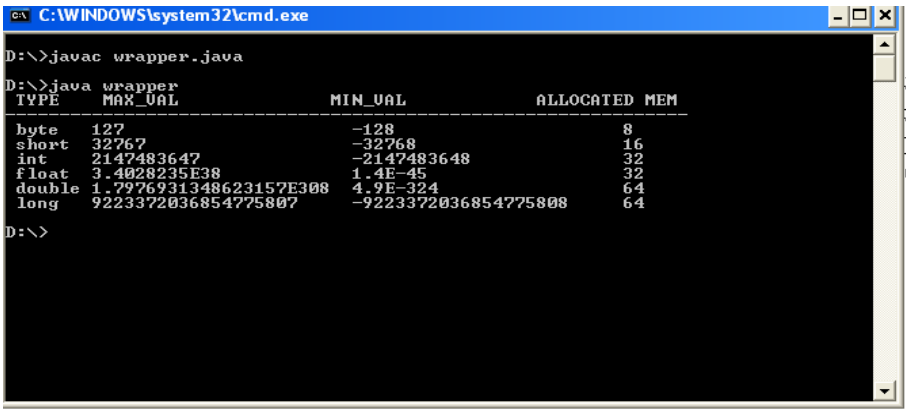


Note: Use some more methods of Math class to do math operations



Assignments To Solve

1. Write an Employee class with id, name and dob(Contained Object.. Containment)with Default and parameterised constructor & toString()..
2. Use the String Class Methods like length, hashCode,equals, replace, trim, subString, concatinate , compare , charAt, subString etc.. for a given String(s)
3. Use Wrapper class methods to print MaxValue, MinValue and Size for various primitive types



4. Accept two integer values from user(use Scanner) and calculate the following (Math class methods)

$$c=(a^3+b^3)(a^2+2ab+b^2)$$
$$c=(ab+ba)(a^3+b^3)/(a^2+b^2)$$

5. Accept Integer values from user and display it's equivalent Binary, Hexadecimal, Octal values.