Hands-on Assignments for Wrapper Classes

Complete the below hands-on assignments before proceeding with the next Topic

No.	Hands-on Assignment	Topics Covered	Status
1	Write a java program that generates the minimum and maximum value for each of the Numeric Wrapper classes (Byte, Short, nteger, Long, Float, Double) Sample Output: Integer range: min: -2147483648 max: 2147483647 Double range: min: 4.9E-324 max: 1.7976931348623157E308 Long range: min: -9223372036854775808 max: 9223372036854775807 Short range: min: -32768 max: 32767 Byte range: min: -128 max: 127 Float range: min: 1.4E-45 max: 3.4028235E38	Wrapper Class	☐
2	Write a program to receive an integer number as a command line argument, and print the binary, octal and hexadecimal equivalent of the given number. Sample Output: java Test 20 Given Number :20 Binary equivalent :10100 Octal equivalent :24 Hexadecimal equivalent :14	Wrapper Class	☐
3	Write a Java program that reads an integer number (between 1 and 255) from the user and prints the binary representation of the number. The answer should be printed as a String. Note: The output displayed should contain 8 digits and should be padded with leading 0s(zeros), in case the returned String contains less than 8 characters. For example, if the user enters the value 16, then the output should be 00010000	Wrapper Class	☐

	and if the user enters the value 100, the output should be 01100100 You are expected to use Integer class conversion method/s described in the PDF file. Use Scanner class to accept user inputs. (Hint : You may use String.format() method for the expected output)		
4	Create an employee class with properties of your choice. Create an object of this class and also create a clone of the same. After making the clone, change the properties of the original employee object and print the properties of both the original and clone object and note down your observation.	Cloning	☐