**Template: Study Material**

|  |
| --- |
| *Insert the details within the < quotes >*<COIF>: <22412>: <Java Programming>: <Managing Input/Output Files in Java>: <LO3>: <Study Material> |
| <Siddhesh Vaidya> | <01/02/2021> | <Vijay Patil> |
| Key words **Input Stream Classes** | Learning Objective: * Understand the concept of Output Stream Classes
 | Diagram/ Picture**outputstreamclasses.bmp** |
| Key Questions**What is Output Stream?** | Concept Map |
| Explanation of Output Stream Classes* The java.io.OutputStream class sends raw bytes of data to a target such as the console or a network server.
* Like InputStream, OutputStream is an abstract class.
* The OutputStream includes methods that perform operations like:
	+ writing bytes
	+ closing streams
	+ flushing streams

Methods:* **void close()** - to close the OutputStream
* **void write (int b)** - Writes a single byte to an output stream.
* **void write(byte buffer[ ])** - Writes a complete array of bytes to an output stream.
* **void write (byte buffer[ ], int offset, int numbytes)** - Writes a sub range of numbytes bytes from the array buffer, beginning at buffer[offset].
* **void flush()** - clears the buffer.
 | Key Definitions/ Formulas**Output Streams** |
| **Classification of Output Streams**Can be classified as follows |
|  | Link: https://www.youtube.com/watch?v=\_le5GlfBxVY |
| Key Take away from this LO: Understanding the Output stream classes, Classification and its methods |