**How to Compress a File in GZIP Format**

[**JAVA I/O**](http://beginnersbook.com/category/java-io/)

The below code would compress a specified file to GZip format. In the below example we have a text file in B drive under “Java” Folder and we are compressing and generating the GZip file in the same folder.

import java.io.FileInputStream;

import java.io.FileOutputStream;

import java.io.IOException;

import java.util.zip.GZIPOutputStream;

public class GZipExample

{

public static void main( String[] args )

{

GZipExample zipObj = new GZipExample();

zipObj.gzipMyFile();

}

public void gzipMyFile(){

byte[] buffer = new byte[1024];

try{

//Specify Name and Path of Output GZip file here

GZIPOutputStream gos =

new GZIPOutputStream(new FileOutputStream("B://Java/Myfile.gz"));

//Specify location of Input file here

FileInputStream fis =

new FileInputStream("B://Java/Myfile.txt");

//Reading from input file and writing to output GZip file

int length;

while ((length = fis.read(buffer)) > 0) {

/\* public void write(byte[] buf, int off, int len):

\* Writes array of bytes to the compressed output stream.

\* This method will block until all the bytes are written.

\* Parameters:

\* buf - the data to be written

\* off - the start offset of the data

\* len - the length of the data

\*/

gos.write(buffer, 0, length);

}

fis.close();

/\* public void finish(): Finishes writing compressed

\* data to the output stream without closing the

\* underlying stream.

\*/

gos.finish();

gos.close();

System.out.println("File Compressed!!");

}catch(IOException ioe){

ioe.printStackTrace();

}

}

}

**Output:**

File Compressed!!