**Java Input Output -L1-Assignment**

**1. Task to implement encoding for URL content in Java**

**package** Sample;

**import** java.io.UnsupportedEncodingException;

**import** java.net.URLEncoder;

**public** **class** MyUrlEncode {

**public** **static** **void** main(String a[]){

**try** {

System.*out*.println(URLEncoder.*encode*("String with spaces:", "UTF-8"));

System.*out*.println(URLEncoder.*encode*("special chars: &%\*", "UTF-8"));

} **catch** (UnsupportedEncodingException ex) {

ex.printStackTrace();

}

}

}

**Output:**

String+with+spaces%3A

special+chars%3A+%26%25\*

**2. Task to get files from the folder filtered by an extension :**

**package** Sample;

**import** java.io.File;

**import** java.io.FilenameFilter;

**public** **class** MyFilteredFileList {

**public** **static** **void** main(String a[]){

File file = **new** File("P:/Backup\_27.12.2017/Desktop/Assignment no JAVA");

File[] files = file.listFiles(**new** FilenameFilter() {

**public** **boolean** accept(File dir, String name) {

**if**(name.toLowerCase().endsWith(".html")){

**return** **true**;

} **else** {

**return** **false**;

}

}

});

**for**(File f:files){

System.*out*.println(f.getName());

}

}

}

**Output:**

angular.html

Event.html

Frames.html

Stock Trading.html

**3. Task to store data in a temp file :**

**package** Sample;

**import** java.io.BufferedWriter;

**import** java.io.File;

**import** java.io.FileWriter;

**import** java.io.IOException;

**public** **class** MyTempFileWrite {

**public** **static** **void** main(String a[]){

File tempFile = **null**;

BufferedWriter writer = **null**;

**try** {

tempFile = File.*createTempFile*("MyTempFile", ".tmp");

writer = **new** BufferedWriter(**new** FileWriter(tempFile));

writer.write("Writing data into temp file!!!");

} **catch** (IOException e) {

e.printStackTrace();

} **finally** {

**try**{

**if**(writer != **null**) writer.close();

}**catch**(Exception ex){}

}

System.*out*.println("Stored data in temporary file.");

}

}

**Output:**

Stored data in temporary file.