

**Compte rendu TP 6 :**

**Menu de commandes Linux**

Atelier Java

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Menu :

FileClass1.java

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| --- |
| import java.util.\*;  import java.io.\*;  class FileClass1{  public static void main(String [] args){  int i;  System.out.println("File Manipulation : choisir une commande");  do{  System.out.println("1 : pwd");  System.out.println("2 : ls");  System.out.println("3 : mkdir");  System.out.println("4 : cat");  System.out.println("5 : copy");  System.out.println("6 : catWrite");  System.out.println("99 : quitter");  Scanner sc = new Scanner(System.in);  i = sc.nextInt();  System.out.println("");  switch(i){  case 1:  System.out.println("Traitement du choix 1 : pwd ... ");  Pwd.main(args);  System.out.println("");  break;  case 2:{  System.out.println("Traitement du choix 2 : ls ... ");  Ls.main(args);  System.out.println("");  }  break;  case 3:{  System.out.println("Traitement du choix 3 : mkdir ... ");  String argument = sc.next();  String[] x = { argument };  Mkdir.main(x);  System.out.println("");  }  break;  case 4:{  System.out.println("Traitement du choix 4 : cat ... ");  String argument = sc.next();  String[] x = { argument };  Cat.main(x);  System.out.println("");  }  break;  case 5:{  System.out.println("Traitement du choix 5 : copy ... ");  String argument1 = sc.next();  String argument2 = sc.next();  String[] x = { argument1, argument2 };  Copy.main(x);  System.out.println("");  }  break;  case 6:{  System.out.println("Traitement du choix 6 : write in file ... ");  String argument = sc.next();  String[] x = { argument };  CatWrite.main(x);  System.out.println("");  }  break;  default:  System.out.println("Choix invalide");  break;  }  }while(i!=99);  }  } |

Les commandes Linux :

Pwd.java

|  |
| --- |
| import java.io.\*;  public class Pwd{  public static void main(String[] args){  File f = new File("");  try{  System.out.println(f.getAbsolutePath());  }  catch(Exception e){}  }  } |

Ls.java

|  |
| --- |
| import java.io.File;  import java.util.Scanner;  public class Ls {  public static void main(String args[]) {  File f = new File("C:\\Users\\DELL\\Desktop\\Java Projects\\TP\\TP 5");  for (int i=0; i < f.list().length;i++){    System.out.println(f.list()[i]);  }  }  } |

Mkdir.java

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| --- |
| import java.io.\*;  public class Mkdir{  public static void main(String[] args){  String fileName = args[0];  System.out.println("new file name :" +fileName);  File f = new File(fileName);  f.mkdir();  }  } |

Cat.java

|  |
| --- |
| import java.io.\*;  public class Cat{  public static void main(String[] args){  byte [] b;  File f = new File(args[0]);  try{  FileInputStream fin = new FileInputStream(f);  int size = (int) f.length();  b = new byte[size];  fin.read(b);  String s = new String(b);  System.out.println(s);  }catch(Exception e){  }  }  } |

Cat.java (version FileReader)

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| --- |
| import java.io.\*;  class Cat{  public static void main(String[] args){  File f = new File(args[0]);  try{  FileReader fr = new FileReader(f);  int i=fr.read();  while(i!=-1){  System.out.print((char)i);  i=fr.read();  }  }catch(Exception e){  }  }  } |

Copy.java

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| --- |
| import java.io.\*;  public class Copy {  public static void main(String[] args) {  try {  File first = new File(args[0]);  FileReader input = new FileReader(first);  int size = (int) first.length();  char[] c = new char[size];  input.read(c);  String s = new String(c);  input.close();  File second = new File(args[1]);  FileWriter myWriter = new FileWriter(second);  myWriter.write(s);  myWriter.close();  } catch (IOException e) {  }  }  } |

CatWrite.java

|  |
| --- |
| import java.io.\*;  public class Copy {  public static void main(String[] args) {  try {  File first = new File(args[0]);  FileReader input = new FileReader(first);  int size = (int) first.length();  char[] c = new char[size];  input.read(c);  String s = new String(c);  input.close();  File second = new File(args[1]);  FileWriter myWriter = new FileWriter(second);  myWriter.write(s);  myWriter.close();  } catch (IOException e) {  }  }  } |