

## Serie of exercises No1

### Exercise No1 :

Consider the following source codes

<pre>Program P1; Uses wincrt; Uses windows; var     // Variable declaration begin     // All instructions end.</pre>	<pre>class P2 { import java.util.*; import java.awt.* // Variable declaration private int A; public object B[];     // Using a function public function1 (int Z) { All instructions } { //Start of main program1     { All instructions } //end</pre>	<pre>&lt;!DOCTYPE html&gt; &lt;html&gt; &lt;body&gt;  &lt;h1&gt;first program&lt;/h1&gt; &lt;p&gt;first paragraph.&lt;/p&gt;  &lt;/body&gt; &lt;/html&gt;</pre>
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- 1/ After translating these three codes, we obtain these two files P1.obj and P2.class for the first two programs, and nothing for program P3. Discuss why, and explain the difference between the two cases.
- 2/ What do the following instructions represented in the first two codes: **uses wincrt**, **uses windows**, **import java.util.\***, **import java.awt.\***, **public object B[]**, and **public function1**?
- 3/ Are these programs ready to run after the translation stage? If not, what needs to be done?
- 4/ After running the first two programs, we noticed the existence of the following files for **P1: P1.pas, P1.obj, P1.exe**, and for **P2: P2.java, P2.class**. Discuss why.

### Exercise No2 :

A set of modules defined as follows is available:

module PROGRAMME	taille: 332		
	liens à satisfaire:	OUVRIR	
		LIRE	
		FERMER	
		EDITER	
	adresse lancement:133		
module ETIQUETTE	taille: 128		
	liens utilisables:	NOM	10
		SOCIETE	32
		ADRESSE	64
		CODEPOST	96
		VILLE	101
module LECTURE	taille: 840		
	liens utilisables:	OUVRIR	15
		LIRE	340
		FERMER	732
	liens à satisfaire:	NOM	
		SOCIETE	
		ADRESSE	
		CODEPOST	
		VILLE	
module IMPRESSION	taille: 212		
	liens utilisables:	IMPRIMER	20
module EDITION	taille: 642		
	liens utilisables:	EDITER	10
	liens à satisfaire:	NOM	
		SOCIETE	
		ADRESSE	
		CODEPOST	
		VILLE	
		IMPRIMER	

