|  |  |
| --- | --- |
| **420-C17-JO** | **Chapitre 1 – Atelier 0**  Exploration |

Déclarez les variables et reproduisez dans IntelliJ les instructions suivantes et indiquez les messages d'erreurs s'il y a lieu. Le but de cet atelier est de comprendre les messages d'erreurs affichés et d'expérimenter les valeurs permises selon le type de la variable.

int i;

double r;

boolean b;

char c;

String ch;

|  |  |
| --- | --- |
| i = -18; |  |
| i = 123; |  |
| i = 3,442; | Not a statement |
| i = 3.442; | Required type int, provided double |
| i = 3 442; | Not a statement |
| i = 3\_442; |  |

|  |  |
| --- | --- |
| r = 3\_442; |  |
| r = -10.0; |  |
| r = 3.012; |  |
| r = .5; |  |
| r = 0.123; |  |
| r = 2; |  |
| r = 1.23E-24; |  |
| r = 3.; |  |
| r = 3,442; | Not a statement |

|  |  |
| --- | --- |
| b = vrai; | Cannot resolve vrai |
| b = true; |  |
| b = 0; | Required type boolean, provided int |
| b = false; |  |
| b = 1; | Required type boolean, provided int |

|  |  |
| --- | --- |
| c = 'A'; |  |
| c = ' '; |  |
| c = '..'; | Too many characters in character literal |
| c = ''''; | Empty character literal, ‘;’ expected |
| c = '\''; |  |
| c = '$'; |  |
| c = "Allo"; | Required type char. Provided string |

|  |  |
| --- | --- |
| ch = 'A'; | Required type String, provided char |
| ch = "'"; |  |
| ch = "il fait "CHAUD""; | Cannot resolve symbole CHAUD, not a satement |

France Beaudoin