Compilation

Question a)

|  |  |  |  |
| --- | --- | --- | --- |
| Mots-clés | Identifiants | Littéraux | Délimiteurs (ponctuation) |
|  | Log\_nb |  |  |
|  | lg |  | == |
|  | nb |  | = |
|  | Format\_float\_scientific |  |  |
|  | Log\_nb |  | Une espace |
| self | log |  | . |
| self | file |  | . |
| Import | np | 1.245 | : |
| from |  | « INFO » | ) |
| if | nb | « \_\_main\_\_ » | } |
| as | numpy |  |  |
|  | logging |  |  |
|  | Logger |  |  |
| \_\_init\_\_ |  |  |  |
|  | NumberLogger |  |  |
| def |  |  |  |
|  |  |  |  |
| class | file |  |  |

Question b)

Mots-clés Identifiant Littéral Délimiteur

typedef struct complex {

float real;

float imag;

} complex;

complex add(complex n1, complex n2) {

complex temp;

temp.real = n1.real + n2.real;

temp.imag = n1.imag + n2.imag;

return temp;

}

int main() {

complex n1 = {.float = 1, .imag = 3};

complex n2 = {.float = 2, .imag = 4};

complex result;

result = add(n1, n2);

printf("Sum = %.1f + %.1fi", result.real, result.imag);

return 0; }

Exercice 2

[+-]?\d+(.\d(e[+-]?\d+)?)

<https://pythex.org>