Concepts Informatiques

2019-2020

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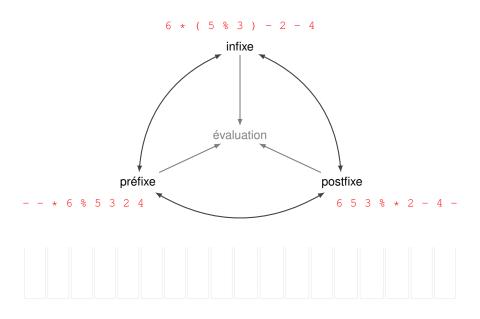
int res=1,cpt=2,arg=7;
while(cpt<=arg) res*=cpt++;
return res;</pre>

pensée

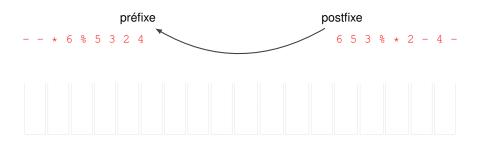
calcul récursion fonction objet

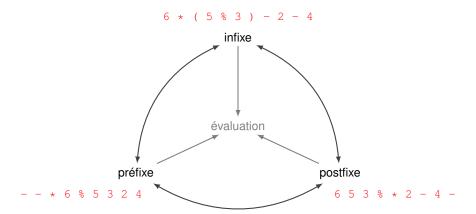
machine

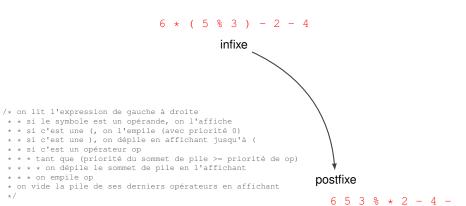
circuit pile registre mémoire



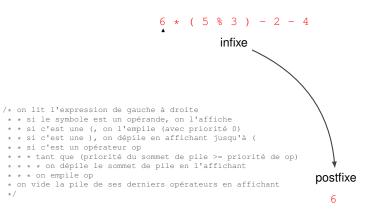
```
/* on lit l'expression de gauche à droite
 \star \star si le symbole est un opérande, on l'empile
 * * sinon (c'est un opérateur (binaire))
 * * * on dépile (deux) éléments
 * * * on construit la forme préfixe
 * * * on l'empile
 * le résultat est l'unique élément de la pile
 */
```



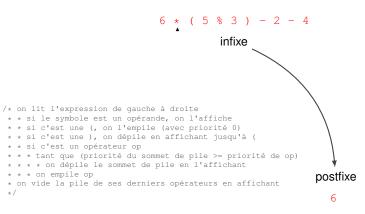




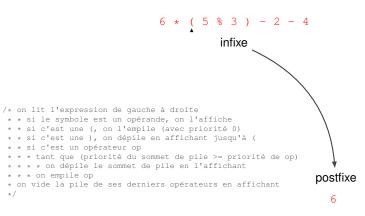




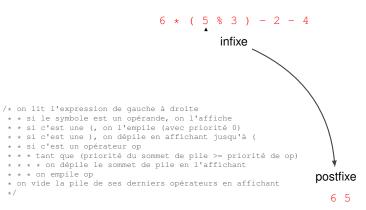




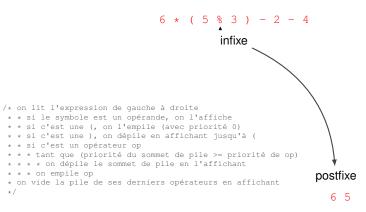




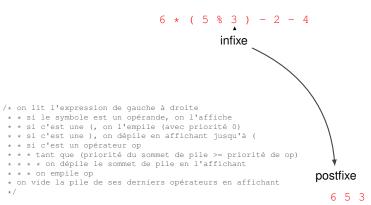




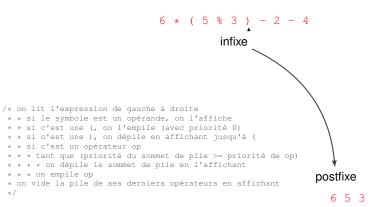




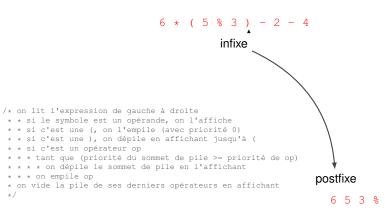




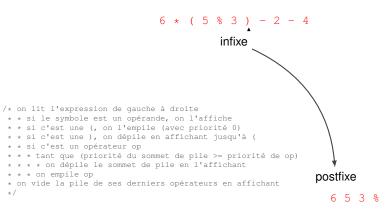


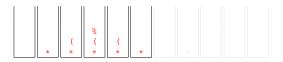


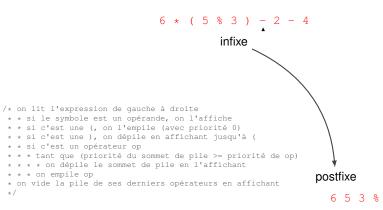




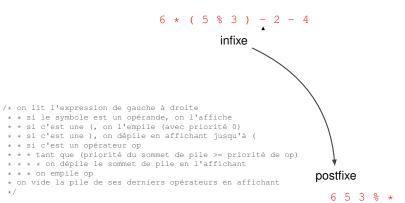




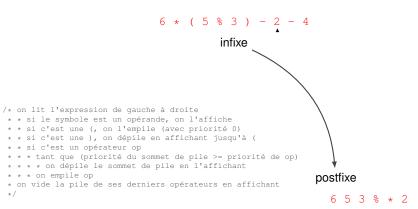




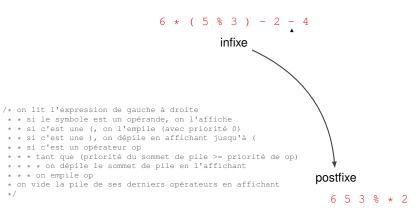




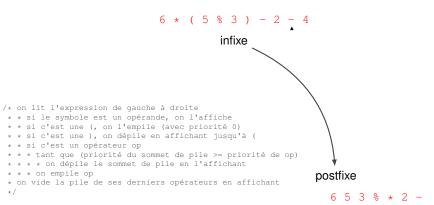




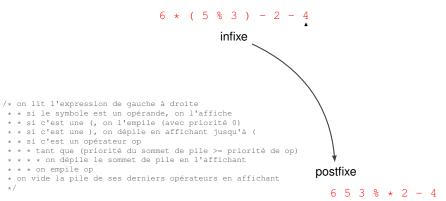




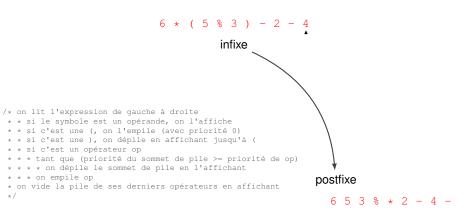
















pile (stack)





pile (stack)

tas (heap)





pile (stack)

tas (heap)

http://www.pythontutor.com/java.html