

```
1 def expand(VANE, COST):  
2     CanExpand = True  
3     while (CanExpand and SWE(VANE) < COST):  
4         PARENTREGION = VANE.getParent()  
5         VANE.basicblocks.add(PARENTREGION)  
6         VANE.resolveDependencies()  
7         CanExpand = checkExpansion(VANE)
```