

```
1  def minetasks(PROG):
2      CFG = ControlFlowGraph(PROG)
3      PDG = ProgramDependenceGraph(PROG)
4      HELICES = findHelices(PDG)
5      TASKREGIONS = []
6      for h in HELICES:
7          r = CFG.findMinimalCoveringRegion(h)
8          TASKREGIONS.append(r)
9      for r in TASKREGIONS:
10         r.expand()
11     NEW_PROG = annotate(PROG, TASKREGIONS)
12     return NEW_PROG
```