



Palgo

Algorithm Animator

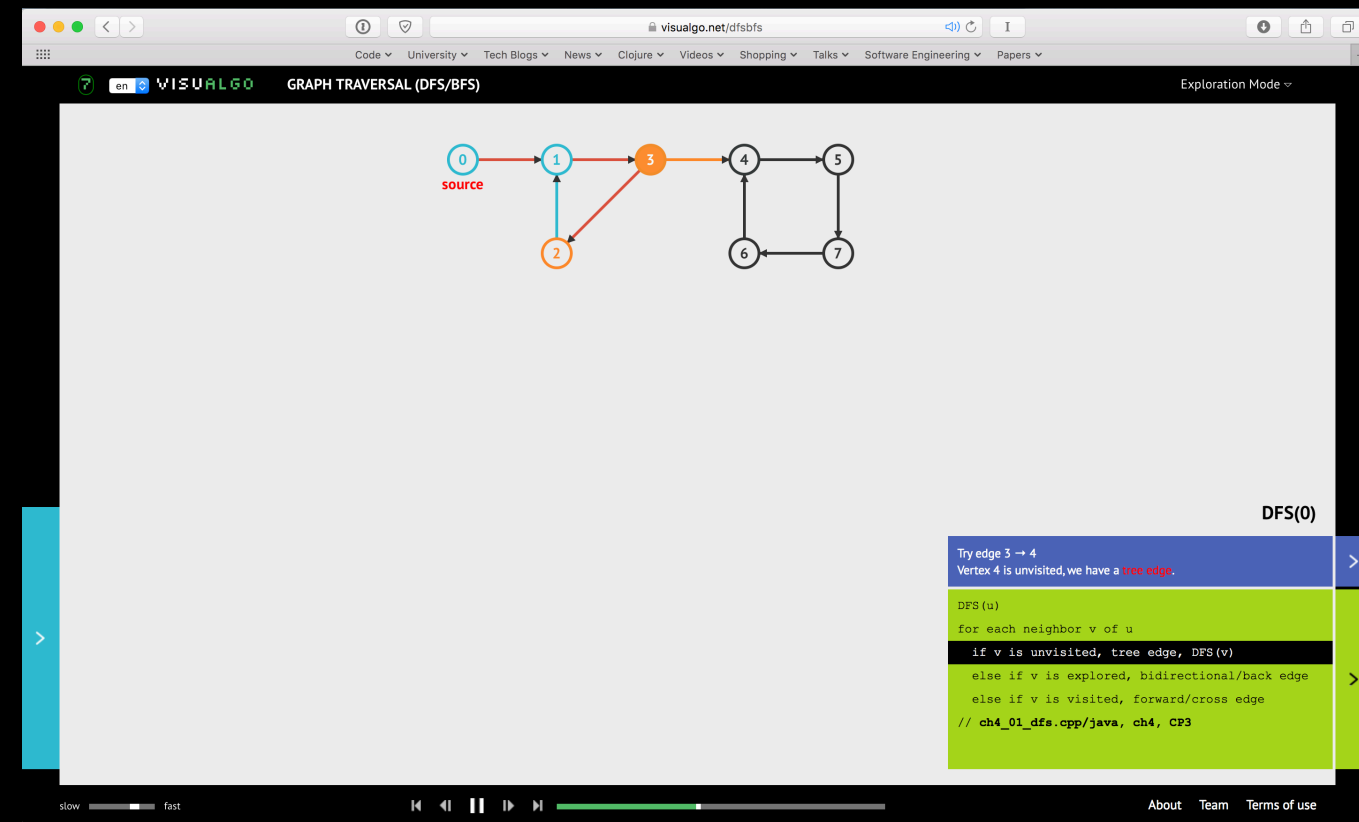
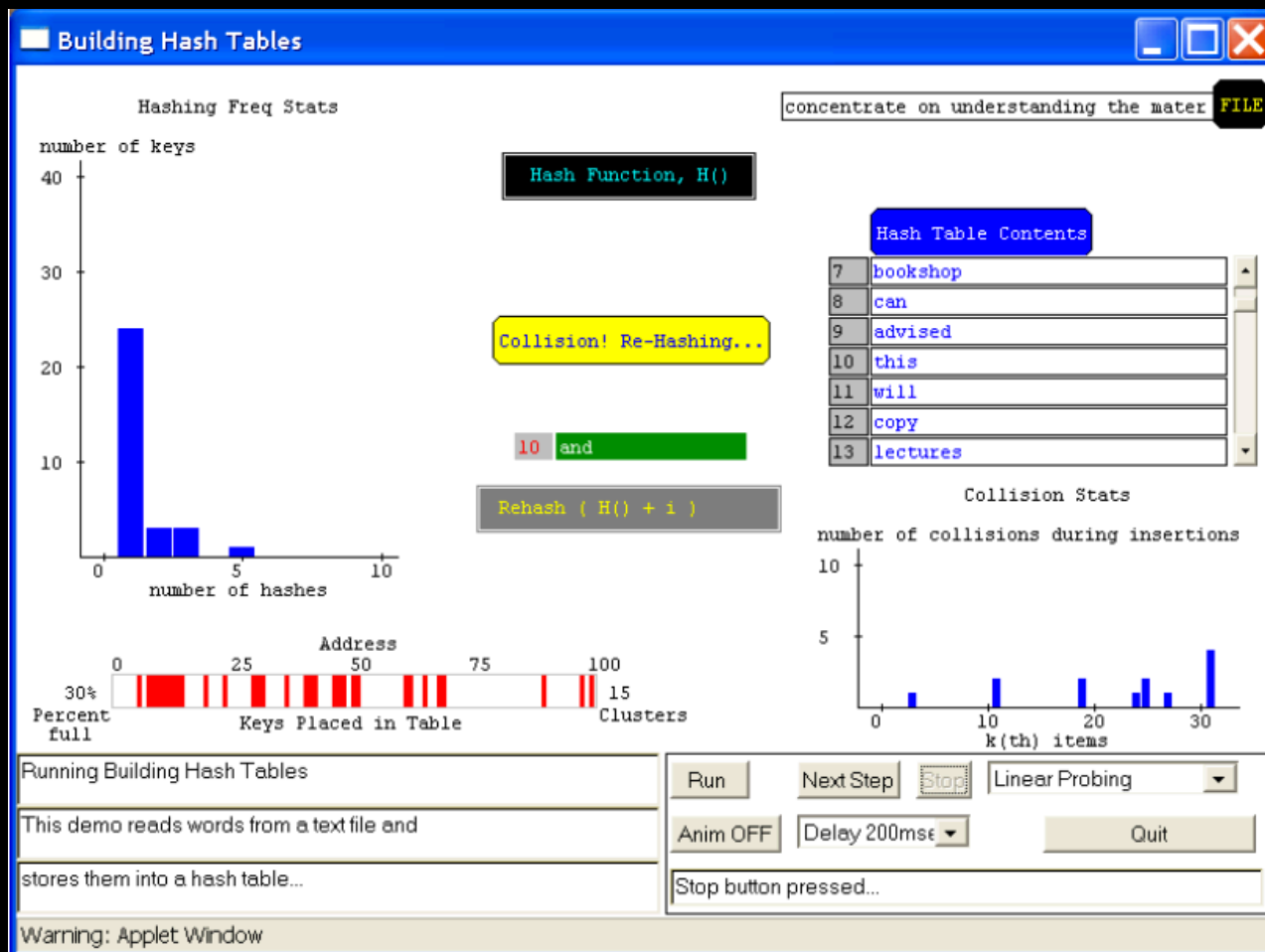
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Algorithm

A process or set of rules to be followed in calculations or other problem-solving operations, especially by a computer


Solution? Animators!


Current Tools



Palgo

Algorithm Animator

 Algorithms ▾

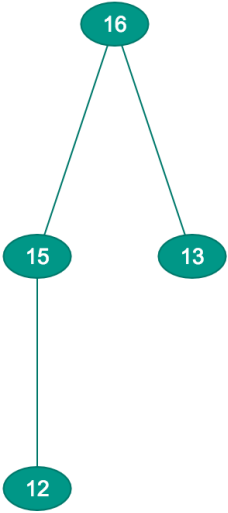


INSERT NODE

DELETE NODE

RANDOM

Heap




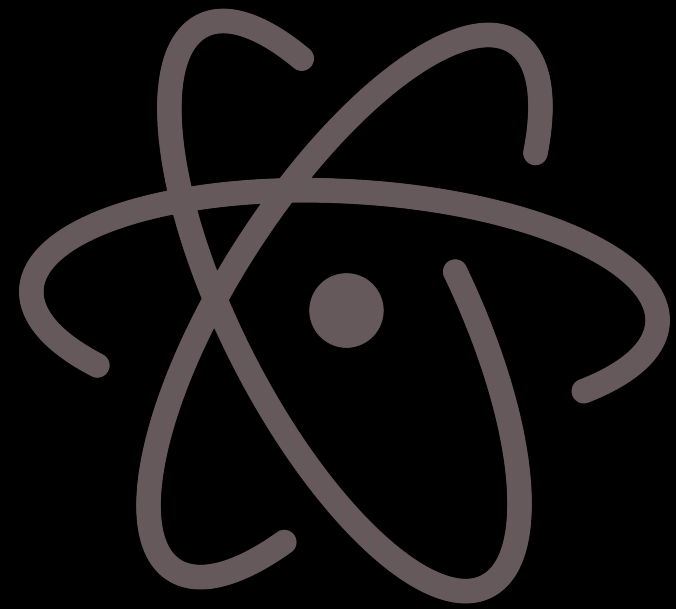
```
graph TD; 16((16)) --- 15((15)); 16 --- 13((13)); 15 --- 12((12));
```

```
Insert(item):
    insert item in new leaf node;
    while (new_value not in root && new_value > parent_value)
        swap new_value with parent_value;
    ;

Impose(item):
    while (bad_value not in leaf && bad_value < larger_child)
        swap bad_value with larger_child;
    ;

Delete(item):
    swap root value with value in last (bottom-right) leaf;
    delete last (bottom-right) leaf;
    impose heap property on bad value in root;
```





ELECTRON

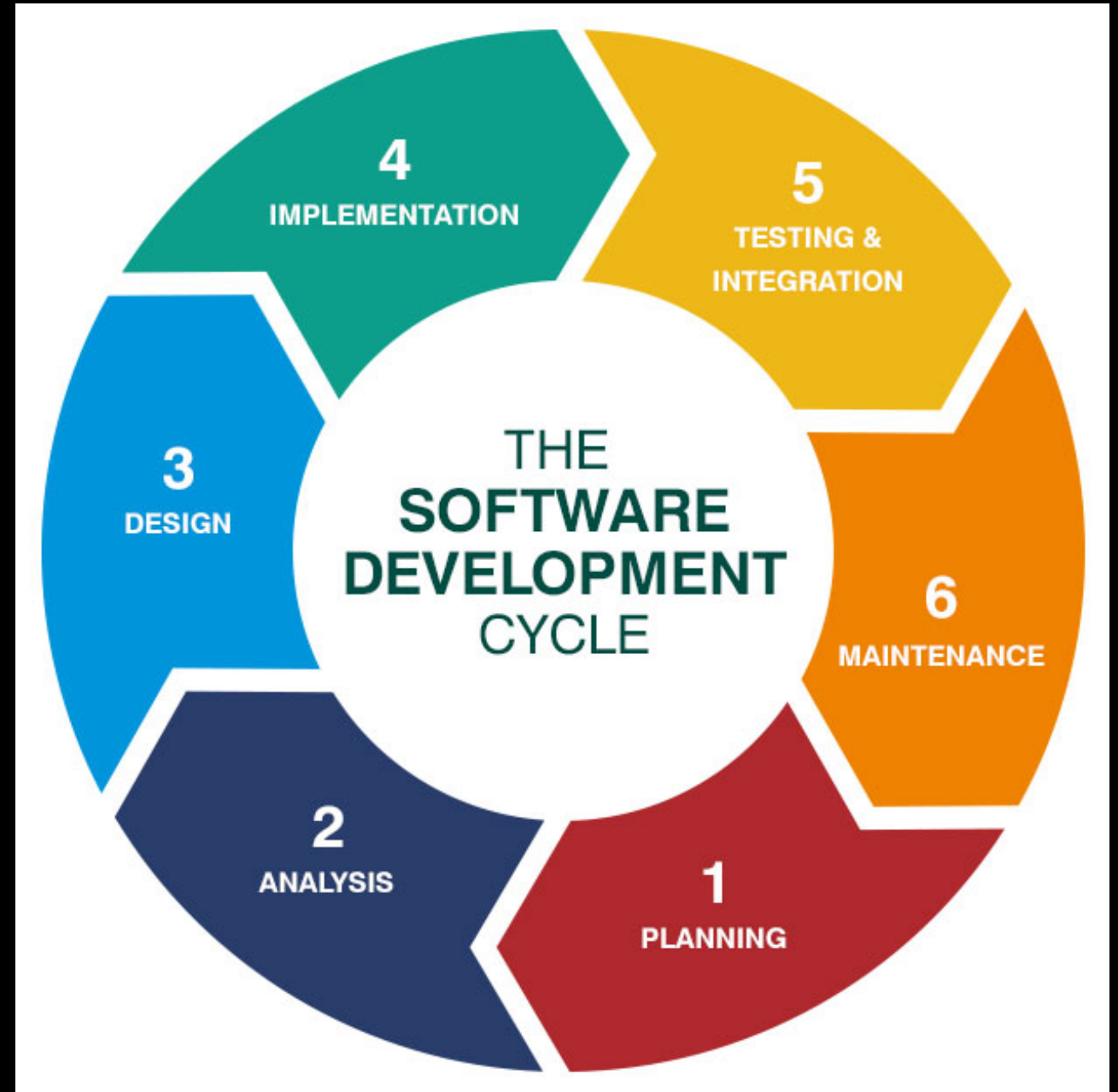


Modern and responsive feel

Material Design

Efficient, cross-platform native
application

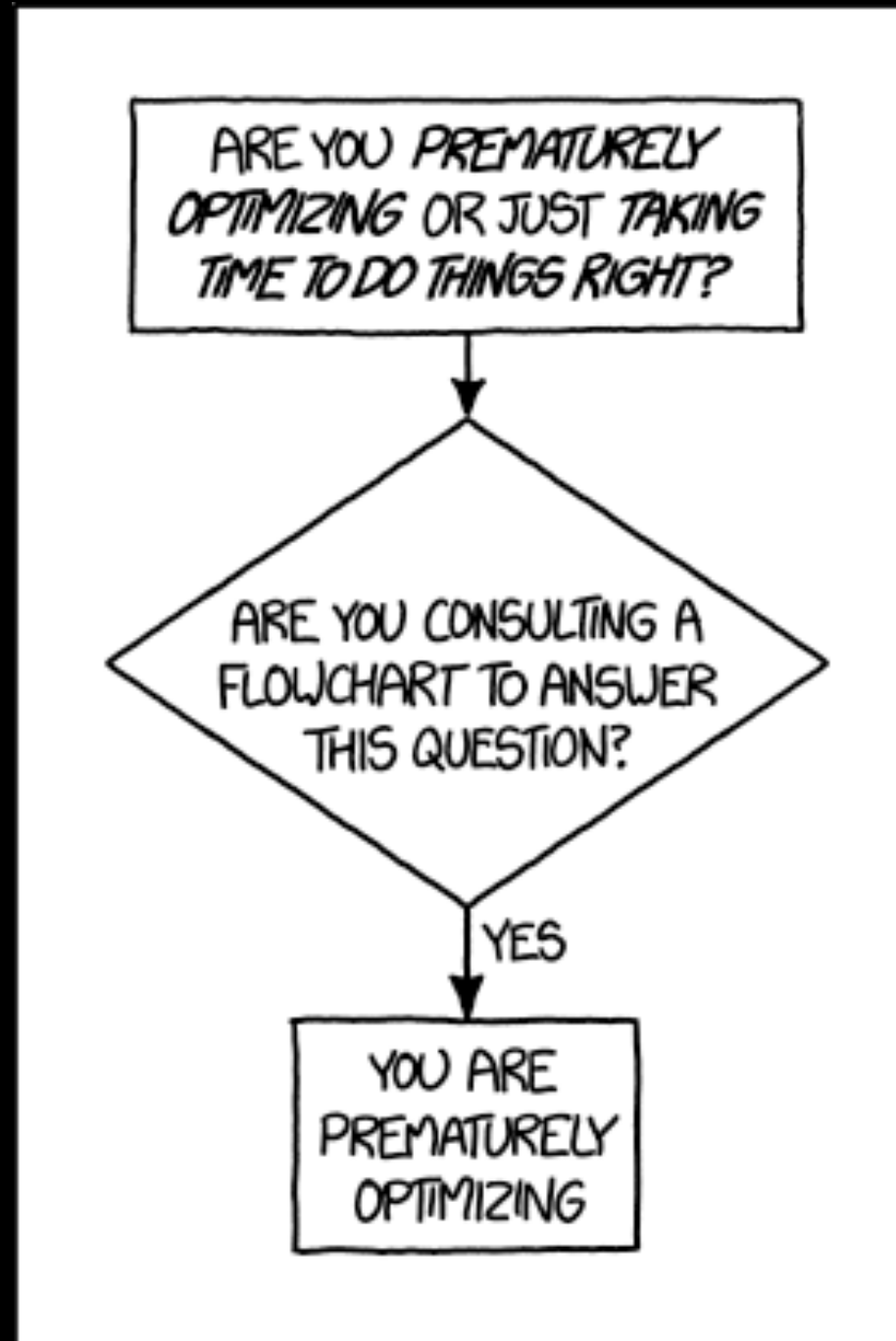
Software Process



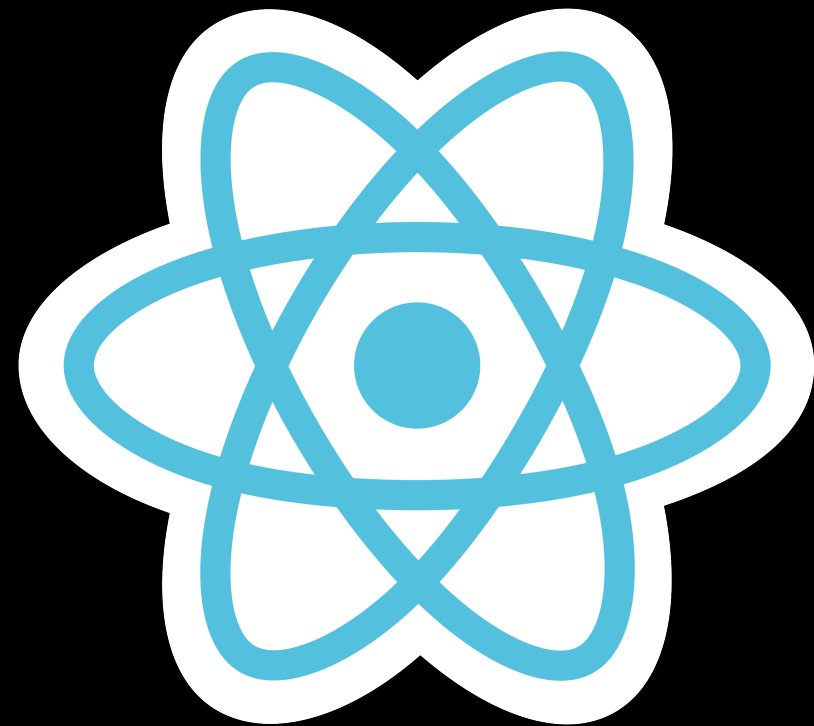
Problems Faced



Lessons Learned



Roadmap



Thanks!