4. 栈与队列

调用栈:原理与算法

Yessiree. We do not doubt his word, an stack ourselfs into the bus like flapjacks.

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call stack

****9000

main() i = 9, ...

binary executable

```
xxxx0700:
          main()
            int i = 9;
            /* ··· */
xxx1000:
            funcA(i * i);
            /* ··· */
xxxx1200: void funcA(int j) {
            int k = j / 3;
            /* ··· */
xxx1500:
            funcB(k + 5);
            /* ··· */
xxxx1750:
          void funcB(int m) {
            int i = m / 4;
            /* ··· */
xxxx1820:
            funcB(m - i);
            /* ··· */
```

call stack binary executable ****9000 main() i = 9, ...xxxx0700: main() int i = 9; ****8850 funcA() /* ··· */ **xxxx1000:** funcA(i * i); return address = 1000 /* ··· */ j = 81, k = 27, ...previous frame = 9000 xxxx1200: void funcA(int j) { int k = j / 3; /* ··· */ xxx1500: funcB(k + 5);/* ··· */ xxxx1750: void funcB(int m) { int i = m / 4; /* ··· */ xxxx1820: funcB(m - i); /* ··· */



