

Brescia Prudente, bprude2

1. Cache-friendly programs aim to have more cache hits found within the cache (with as little misses as possible) which helps improve the performance of the CPU.

A technique that would help improve cache-friendliness is to avoid having alignment holes in your code by organizing your data.

2. [contained in the .zip file]

3.

```
INST_R(b[0][0])
```

```
INST_R(c[0][0])
```

```
INST_W(a[3][3])
```