***TUGAS MODUL 3***

**Nama : Guntur Jatmiko**

**NIM : L200180039**

**Kelas : B**

A. Buatlah tabel pemetaan memori pada PC selengkap mungkin ! **Pemet**[**aan**](https://4.bp.blogspot.com/-CwhSVnv77mg/WBHl0XQWjuI/AAAAAAAABDo/bjK387GmLMoZJxZrUQ3GrEQPnYlitRkAwCLcB/s1600/Organisasi%2BK-Way%2BSet%2BAssociative%2BMapping.png)[**Langsung**](https://4.bp.blogspot.com/-CwhSVnv77mg/WBHl0XQWjuI/AAAAAAAABDo/bjK387GmLMoZJxZrUQ3GrEQPnYlitRkAwCLcB/s1600/Organisasi%2BK-Way%2BSet%2BAssociative%2BMapping.png)[**(Direct**](https://4.bp.blogspot.com/-CwhSVnv77mg/WBHl0XQWjuI/AAAAAAAABDo/bjK387GmLMoZJxZrUQ3GrEQPnYlitRkAwCLcB/s1600/Organisasi%2BK-Way%2BSet%2BAssociative%2BMapping.png)[**Mapping)**](https://4.bp.blogspot.com/-CwhSVnv77mg/WBHl0XQWjuI/AAAAAAAABDo/bjK387GmLMoZJxZrUQ3GrEQPnYlitRkAwCLcB/s1600/Organisasi%2BK-Way%2BSet%2BAssociative%2BMapping.png)

Pemetaan la[ngsung](https://4.bp.blogspot.com/-CwhSVnv77mg/WBHl0XQWjuI/AAAAAAAABDo/bjK387GmLMoZJxZrUQ3GrEQPnYlitRkAwCLcB/s1600/Organisasi%2BK-Way%2BSet%2BAssociative%2BMapping.png) [adalah](https://4.bp.blogspot.com/-CwhSVnv77mg/WBHl0XQWjuI/AAAAAAAABDo/bjK387GmLMoZJxZrUQ3GrEQPnYlitRkAwCLcB/s1600/Organisasi%2BK-Way%2BSet%2BAssociative%2BMapping.png) [teknik](https://4.bp.blogspot.com/-CwhSVnv77mg/WBHl0XQWjuI/AAAAAAAABDo/bjK387GmLMoZJxZrUQ3GrEQPnYlitRkAwCLcB/s1600/Organisasi%2BK-Way%2BSet%2BAssociative%2BMapping.png) [yang](https://4.bp.blogspot.com/-CwhSVnv77mg/WBHl0XQWjuI/AAAAAAAABDo/bjK387GmLMoZJxZrUQ3GrEQPnYlitRkAwCLcB/s1600/Organisasi%2BK-Way%2BSet%2BAssociative%2BMapping.png) [paling](https://4.bp.blogspot.com/-CwhSVnv77mg/WBHl0XQWjuI/AAAAAAAABDo/bjK387GmLMoZJxZrUQ3GrEQPnYlitRkAwCLcB/s1600/Organisasi%2BK-Way%2BSet%2BAssociative%2BMapping.png) [sederhana,](https://4.bp.blogspot.com/-CwhSVnv77mg/WBHl0XQWjuI/AAAAAAAABDo/bjK387GmLMoZJxZrUQ3GrEQPnYlitRkAwCLcB/s1600/Organisasi%2BK-Way%2BSet%2BAssociative%2BMapping.png) [yaitu](https://4.bp.blogspot.com/-CwhSVnv77mg/WBHl0XQWjuI/AAAAAAAABDo/bjK387GmLMoZJxZrUQ3GrEQPnYlitRkAwCLcB/s1600/Organisasi%2BK-Way%2BSet%2BAssociative%2BMapping.png) [teknik](https://4.bp.blogspot.com/-CwhSVnv77mg/WBHl0XQWjuI/AAAAAAAABDo/bjK387GmLMoZJxZrUQ3GrEQPnYlitRkAwCLcB/s1600/Organisasi%2BK-Way%2BSet%2BAssociative%2BMapping.png) [ini](https://4.bp.blogspot.com/-CwhSVnv77mg/WBHl0XQWjuI/AAAAAAAABDo/bjK387GmLMoZJxZrUQ3GrEQPnYlitRkAwCLcB/s1600/Organisasi%2BK-Way%2BSet%2BAssociative%2BMapping.png) memetakan blok memor[i](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png) [utama](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [hanya](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [ke](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [sebuah](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [saluran](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [cache](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [saja.](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [Jika](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) suatu block [a](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png)da di cache, maka tempa[tn](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png)[ya](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [sudah](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [tertentu.](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [Keuntungan](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [dari](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) direct mapping adalah [sed](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png)erhana dan murah. [Se](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png)[dangkan](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [kerugian](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [dari](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) direct mapping adalah suatu blok m[e](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png)miliki lokasi yang [te](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png)[tap](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [(jika](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [program](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) mengakses 2 blok yang di map ke line y[an](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png)g sama secara berul[ang-ulang,](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png) maka cache-miss sangat tinggi).

Ber[ikut](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [penjelasan](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [lebih](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [detail](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [:](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png)

Se[tiap](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [blok](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [pada](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [main](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [memory](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [dipetakan](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [dengan](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [line](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [tertentu](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) pada *cache* ***i***

[***=***](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png)[***j***](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png)[***modulo***](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png)[***C***](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png)[di](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [mana](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [i](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [adalah](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [nomor](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [line](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [pada](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [cache](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [yang](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) digunakan un[tuk](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [meletakkan](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [blok](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [main](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [memory](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [ke-j.](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png)

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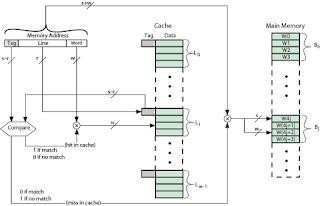
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*Word identifier* berisi informasi tentang lokasi word atau unit *addressable* lainnya dalam line tertentu pada cache.

*Line identifier* berisi informasi tentang nomor fisik (bukan logika) line pada chace

*Tag identifier* disimpan pada cache bersama dengan blok pada *line*.

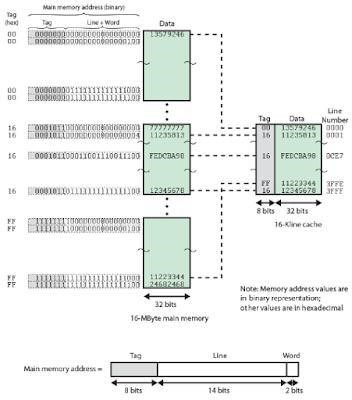
o [Untuk](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [setiap](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [alamat](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [memory](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [yang](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [dibuat](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) 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Keuntungan [M](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png)[enggunakan](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [Direct](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [Mapping](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [antara](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [lain](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [:](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png)

1. [Mudah](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png) [dan](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [Murah](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [diimplementasikan](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png)
2. [Mudah](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png) [untuk](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [menentukan](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [letak](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [salinan](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [data](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [main](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) [memory](https://2.bp.blogspot.com/-PE1xrgRaBpA/WBHlZVWaTZI/AAAAAAAABDk/nEnnc8tz-sYM7rTMIxVInJ8zOqq_g-OEgCLcB/s1600/Contoh%2BPengalamatan%2BAssociative%2BMapping.png) pada [cha](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png)ce. Kerugian m[enggunakan](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png) [Direct](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png) [Mapping](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png) [antara](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png) [lain](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png) [:](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png)
3. Se[tiap](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png) [blok](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png) [*main*](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png)[*memory*](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png)[hanya](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png) [dipetakan](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png) [pada](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png) [1](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png) [line](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png) [saja.](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png)
4. 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[*main*](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png)[*memory*,](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png) [sangat](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png) [mungkin](https://2.bp.blogspot.com/-3DXyQBgwNQo/WBHlBBg6oQI/AAAAAAAABDU/jkpEOV0d1Jsaay0YAjoaLB7hii-ZARrYQCLcB/s1600/Organisasi%2BAssociative%2BMapping.png) mengakses blok yang di[petakan](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [pada](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [*line*](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png)[yang](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [sama](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [pada](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [*cache*.](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) 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[dan](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [keluar](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [data](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) ke/dari *cache*, sehingga *hit ratio* menge[cil.](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [*Hit*](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png)[*ratio*](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png)[adalah](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [perbandingan](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) antara jumlah ditemukannya data pada cache denga[n](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [jumlah](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [usaha](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) mengakses *cache*.



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| **Item** | [**Keterangan**](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) |
| Panjang ala[mat](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) | [(s+w)](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [bits](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) |
| Jumlah unit [yang](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [dapat](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [dialamati](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) | [2s+w](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [words](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [or](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [bytes](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) |
| Ukuran B[loks](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [sama](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [dengan](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [ukuran](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [Line](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) | [2w](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [words](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [or](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [bytes](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) |
| Jumlah blok [memori](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [utama](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) | [2s+](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [w/2w](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [=](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [2s](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) |
| Jumlah line [di](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [chace](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) | [M](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [=](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [2r](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) |
| Besarnya ta[g](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) | [(s](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [-](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [r)](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) [bits](https://4.bp.blogspot.com/-6djf3U5Pdws/WBHmLMpdDwI/AAAAAAAABDw/w_SKHRc6LnoRaa0YqW7We52RB-Xeen5sQCLcB/s1600/Contoh%2BPengalamatan%2B2-Way%2BAssociative%2BMapping.png) |

2. Perbedaan antara mode kerja “Real-Mode” dan mode kerja “Protect-Mode” pada PC IBM Compatible !

* **Real-Mode**

Real-Mode adalah sebuah modus di mana prosesor Intel x86 berjalan seolah-olah dirinya adalah sebuah prosesor Intel 8085 atau Intel 8088, meski ia merupakan prosesor Intel 80286 atau lebih tinggi. Karenanya, modus ini juga disebut sebagai modus 8086 (8086 Mode). Dalam modus ini, prosesor hanya dapat mengeksekusi instruksi 16-bit saja dengan menggunakan register internal yang berukuran 16-bit, serta hanya dapat mengakses hanya 1024 KB dari memori karena hanya menggunakan 20-bit jalur bus alamat. Semua program DOS berjalan pada modus ini. Prosesor yang dirilis setelah 8085, semacam Intel 80286 juga dapat menjalankan instruksi 16-bit, tapi jauh lebih cepat dibandingkan 8085. Dengan kata lain, Intel 80286 benar-benar kompatibel dengan prosesor Intel 8086 yang didesain sebelumnya. Sehingga prosesor Intel 80286 pun dapat menjalankan program-program 16-bit yang didesain untuk 8085 (IBM PC), dengan tentunya kecepatan yang jauh lebih tinggi.Dalam Real-mode, tidak ada proteksi ruang alamat memori, sehingga tidak dapat melakukan multi-tasking. Inilah sebabnya, mengapa program-program DOS bersifat single-tasking. Jika dalam modus real terdapat multi-tasking, maka kemungkinan besar antara dua program yang sedang berjalan, terjadi tabrakan (crash) antara satu dengan lainnya.

* **Protected Mode**

Modus terproteksi (protected mode) adalah sebuah modus di mana terdapat proteksi ruang alamat memori yang ditawarkan oleh mikroprosesor untuk digunakan oleh sistem operasi. Modus ini datang dengan mikroprosesor Intel 80286 atau yang lebih tinggi. Karena memiliki proteksi ruang alamat memori, maka dalam modus ini sistem operasi dapat melakukan multitasking.Prosesor Intel 80286 memang dilengkapi kemampuan masuk ke dalam modus terproteksi, tapi tidak dapat keluar dari modus tersebut tanpa harus mengalami reset (warm boot atau cold boot). Kesalahan ini telah diperbaiki oleh Intel dengan merilis prosesor Intel 80386 yang dapat masuk ke dalam modus terproteksi dan keluar darinya tanpa harus melakukan reset. Inilah sebabnya mengapa Windows 95/Windows 98 dilengkapi dengan modus Restart in MS-DOS Mode, meski sebenarnya sistem operasi tersebut merupakan sistem operasi yang berjalan dalam modus terproteksi.