• A relação que existe entre ponteiros e vetores é forte.

O compilador entende vetores como ponteiros.

Endereço Conteúdo Nome

0x1000	
0x1004	
0x1008	
0x1012	
0x1016	
0x1020	
0x1024	
0x1028	
0x1032	
0x1036	
0x1040	
0x1044	
0x1048	
0x1052	
0x1056	
0x1060	

```
int main(void) {
int vetor[4] = \{5, 2, 7, 8\};
 printf("%p\n", vetor);
 printf("%p\n", &vetor[0]);
 printf("%i\n", *vetor);
 printf("%i\n", *(vetor + 1));
int* p = vetor;
 p = p + 2;
 printf("%p\n", p);
printf("%i\n", *p);
 p = p - 1;
 *p = 20;
 printf("%p\n", p);
 printf("%i\n", p[0]);
 printf("%i\n", p[1]);
 printf("%i\n", p[2]);
 printf("%i\n", p[3]);
return 0;
```

Endereço Conteúdo Nome

vetor ____

0x1000	5	vetor[0]
0x1004	2	vetor[1]
0x1008	7	vetor[2]
0x1012	8	vetor[3]
0x1016		
0x1020		
0x1024		
0x1028		
0x1032		
0x1036		
0x1040		
0x1044		
0x1048		
0x1052		
0x1056		
0x1060		

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0x1032		
0x1036		
0x1040		
0x1044		
0x1048		
0x1052		
0x1056		
0x1060		

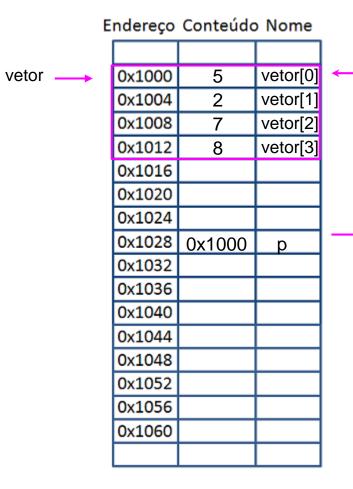
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 printf("%p\n", p);
 printf("%i\n", p[0]);
 printf("%i\n", p[1]);
 printf("%i\n", p[2]);
 printf("%i\n", p[3]);
 return 0;
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Endereço Conteúdo Nome

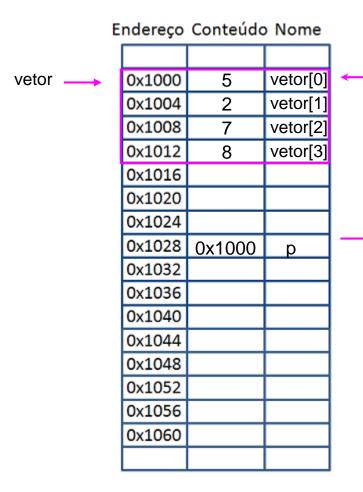
vetor ____

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0x1028		
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0x1040		
0x1044		
0x1048		
0x1052		
0x1056		
0x1060		

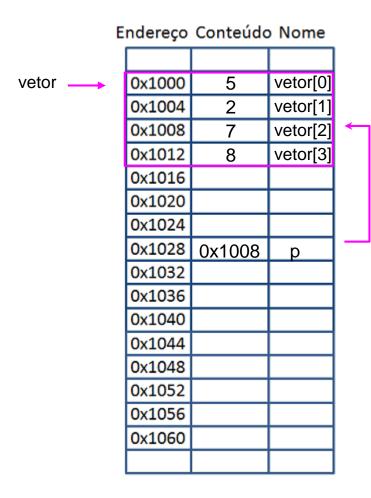
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int vetor[4] = \{5, 2, 7, 8\};
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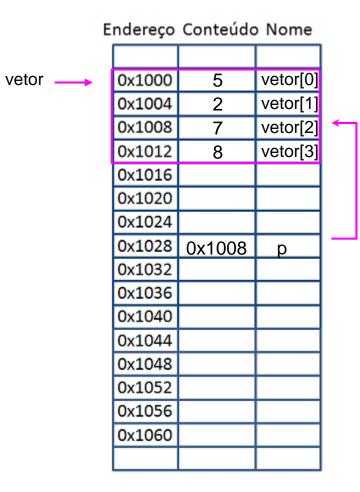
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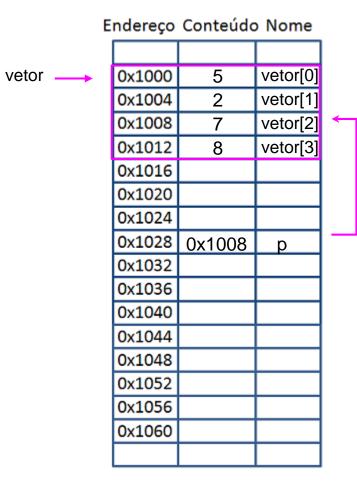
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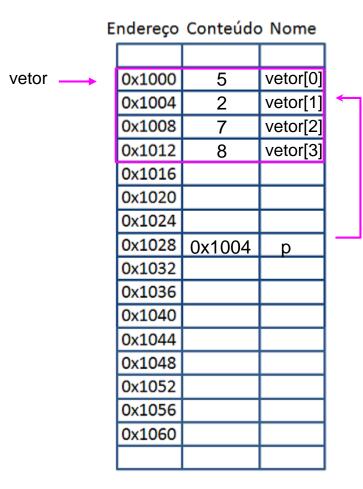
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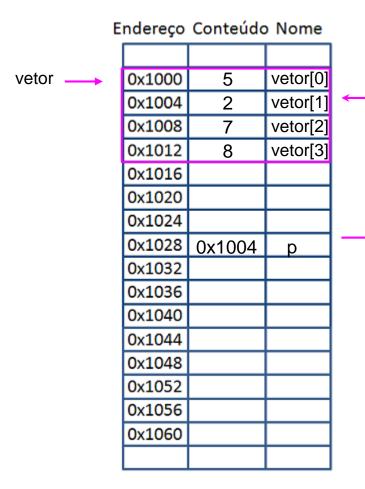
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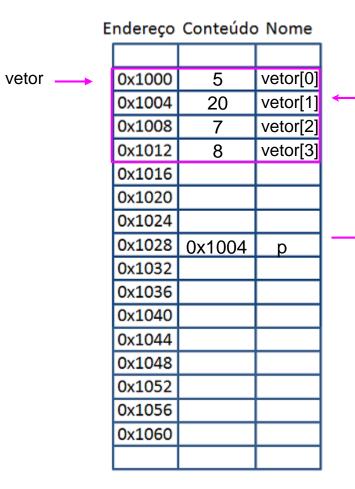
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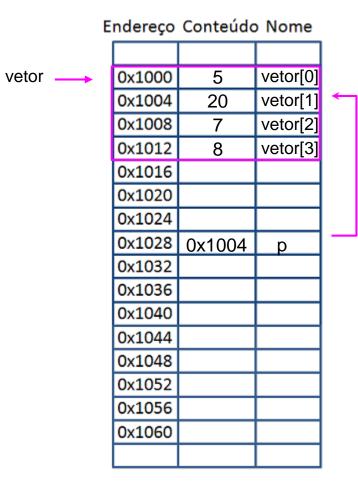
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