

Függvényhívás assembly szinten

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Debreceni Egyetem Informatikai Rendszerek és Hálózatok Tanszék

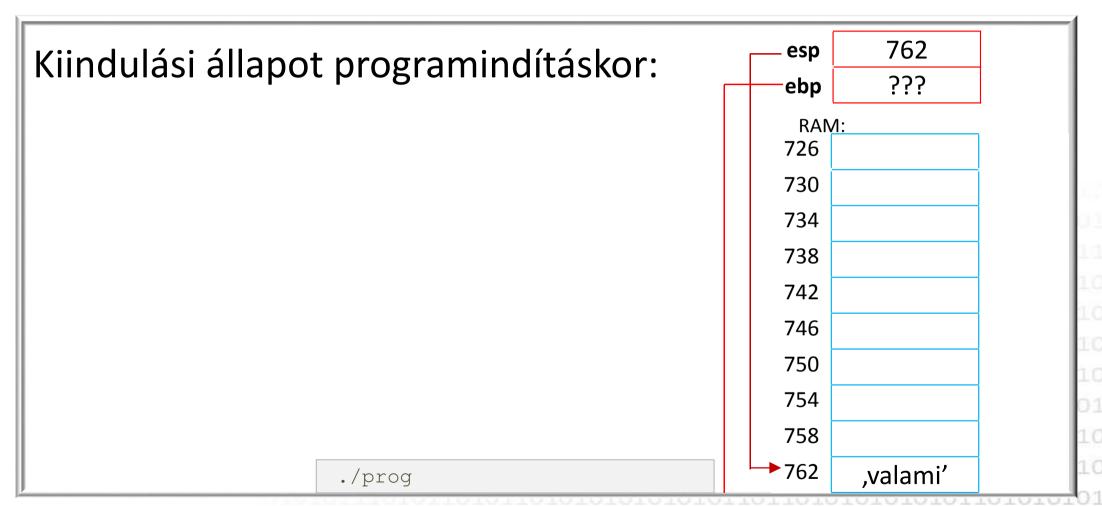
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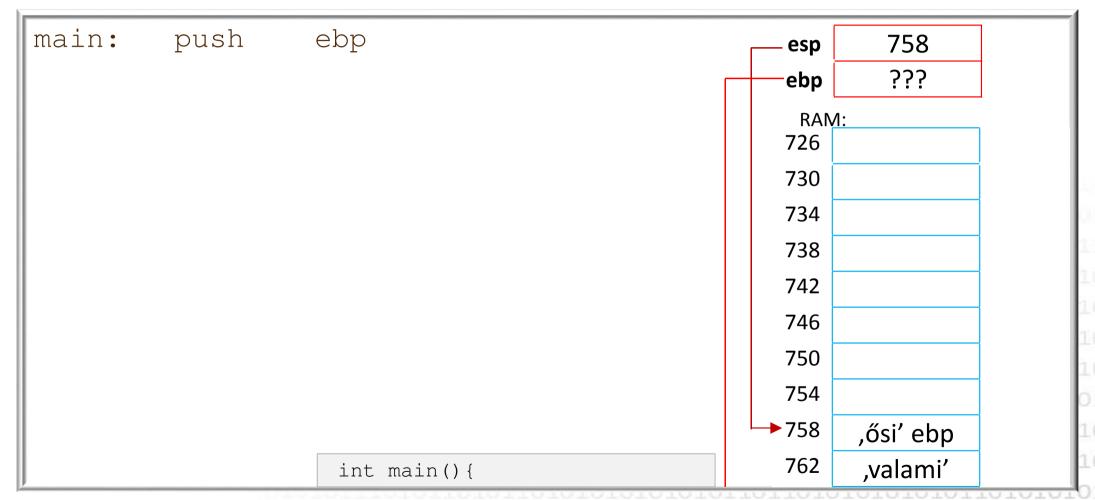
Példa C nyelven

```
int fuggv(int c) {
  int a;
                                                 main
  a = c + 1;
                                                  а
  return a;
int main(int argc, char *argv[]){
  int a, b;
                                                 fuggv
  a=argc;
  b=fuggv(a);
  return b;
                  gcc prog.c -o prog
```

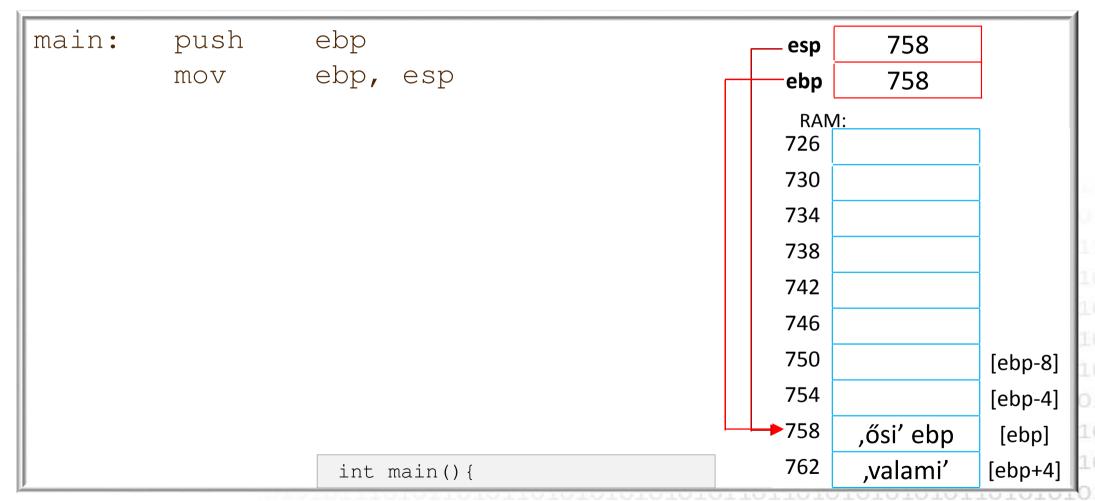




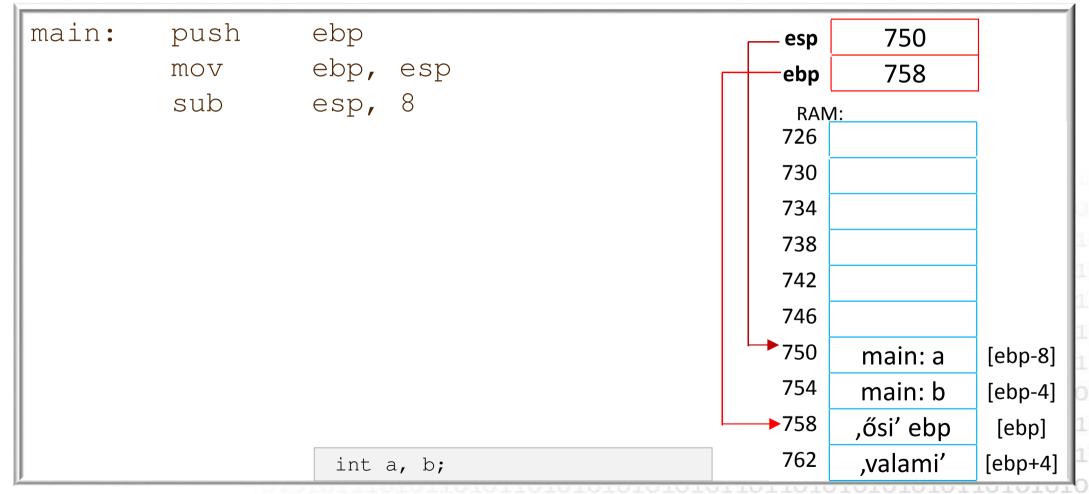




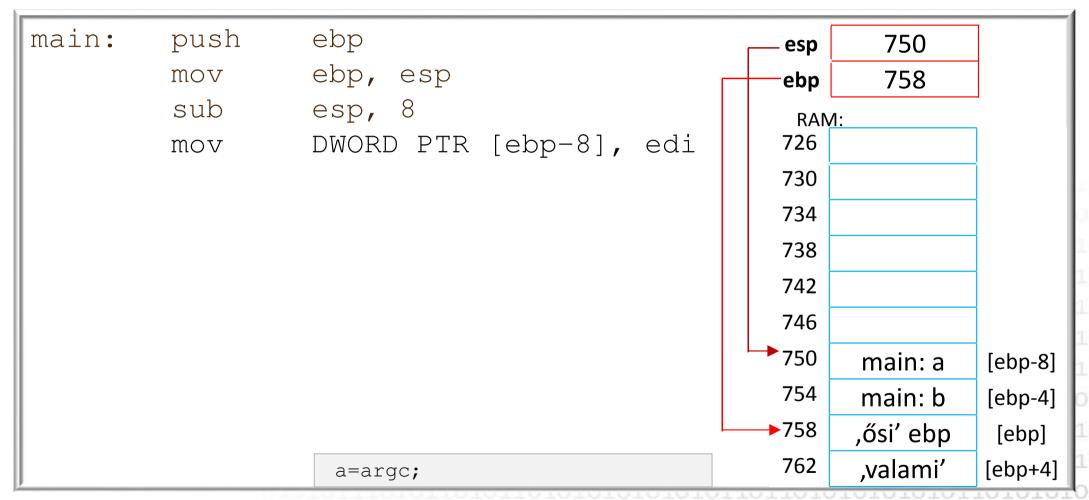




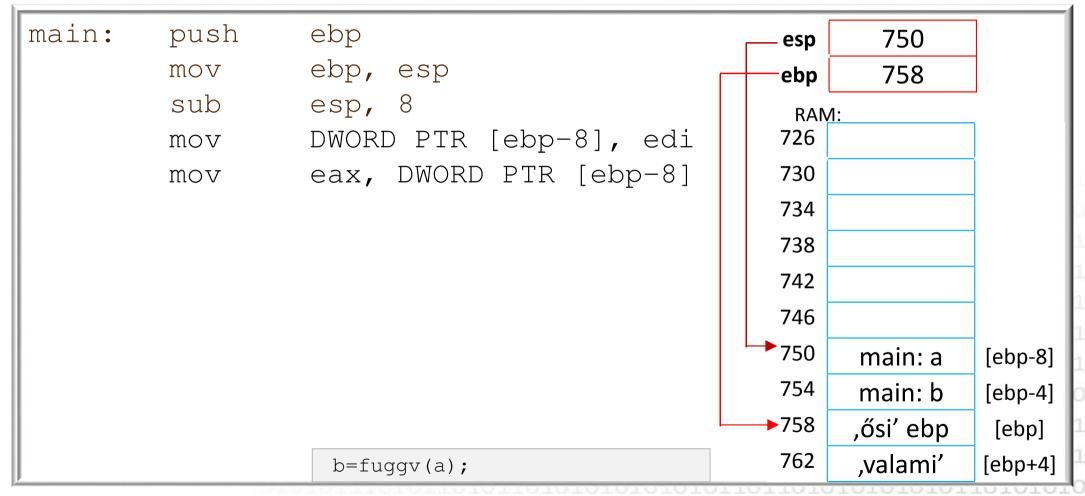




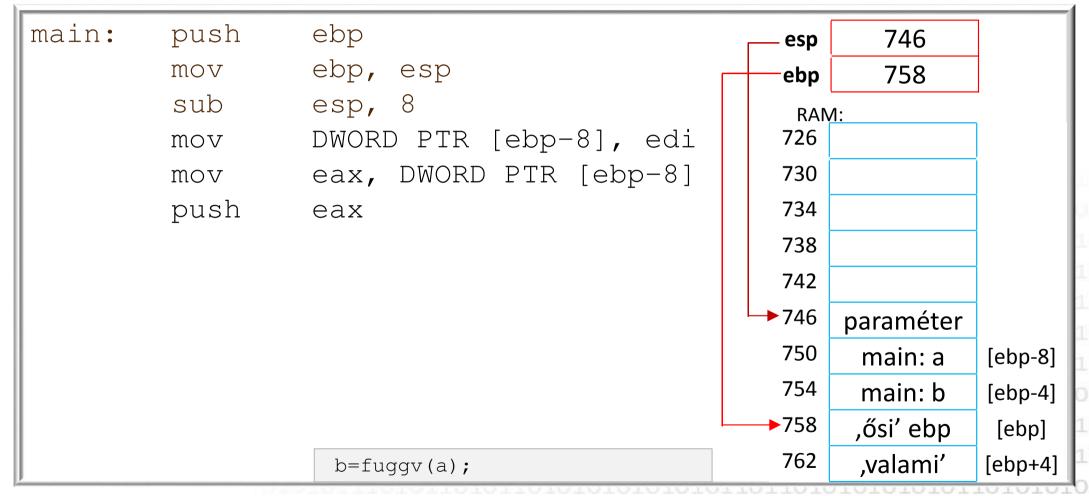




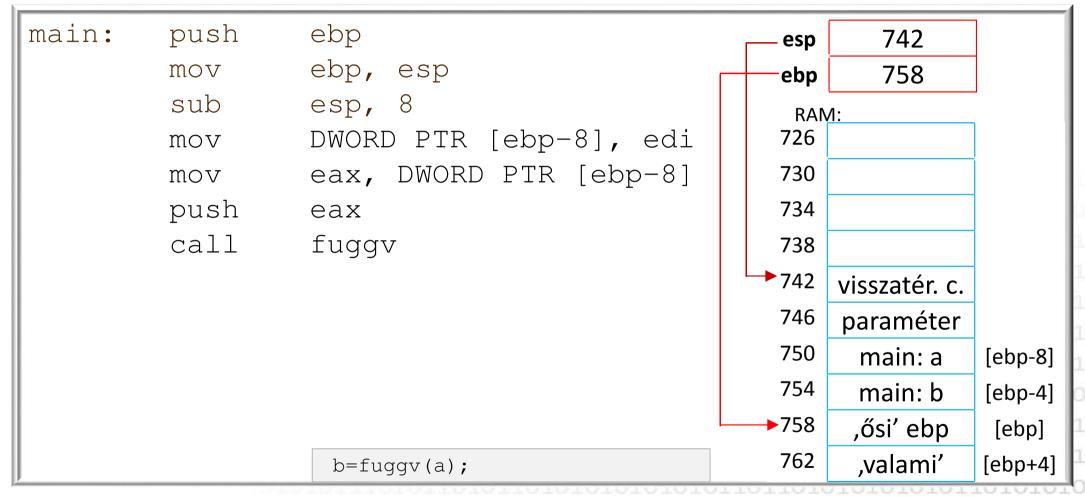




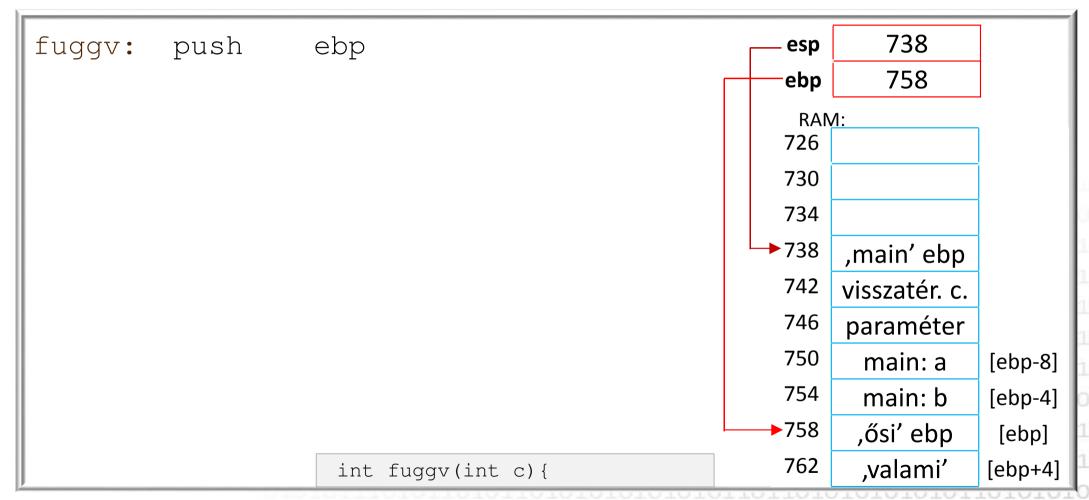




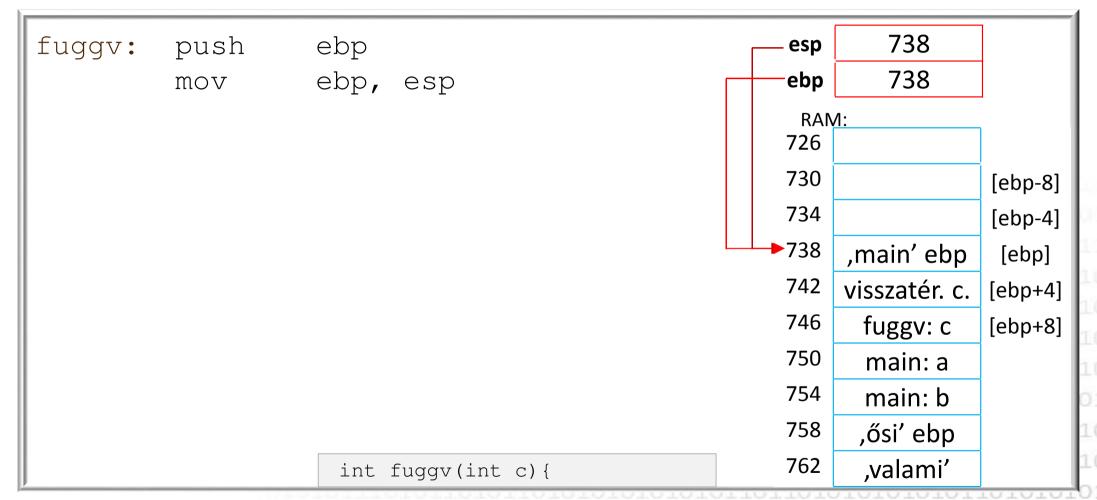




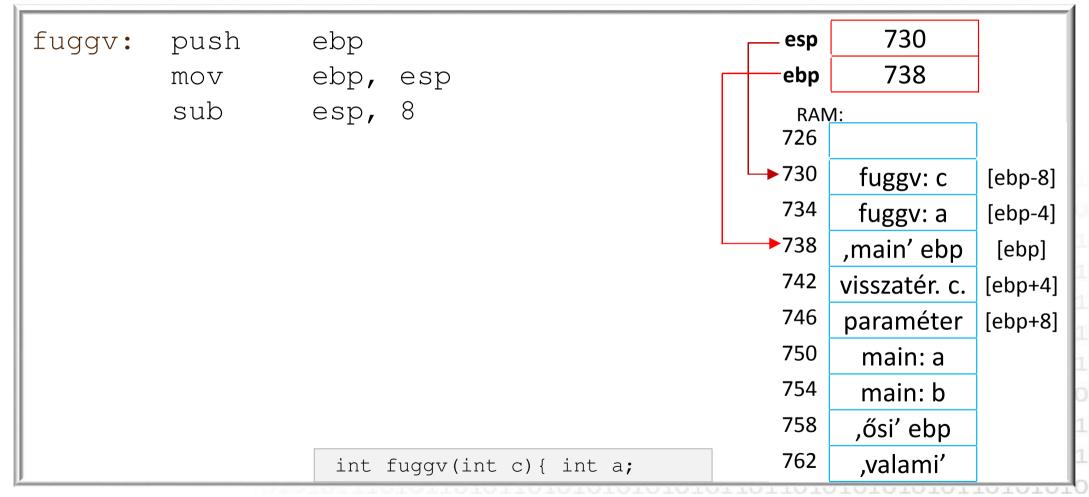




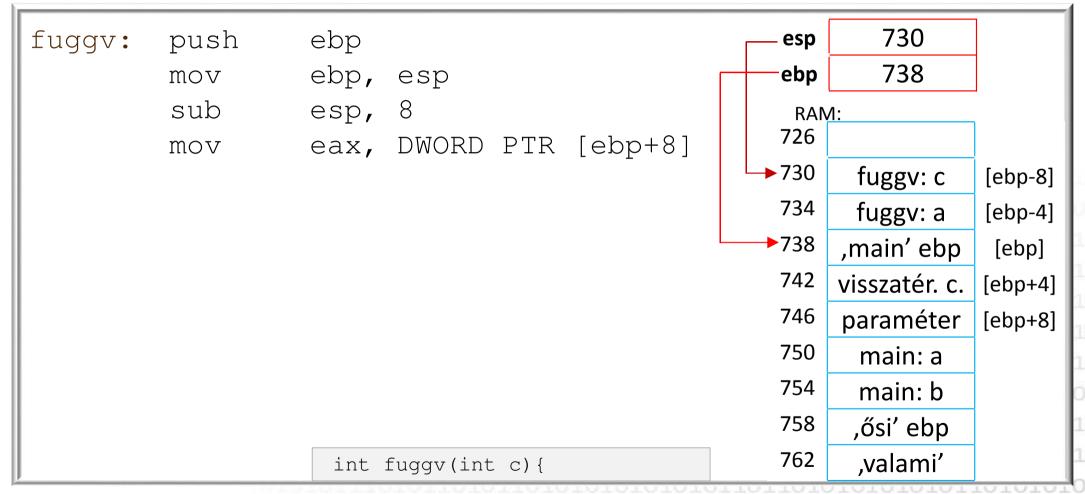




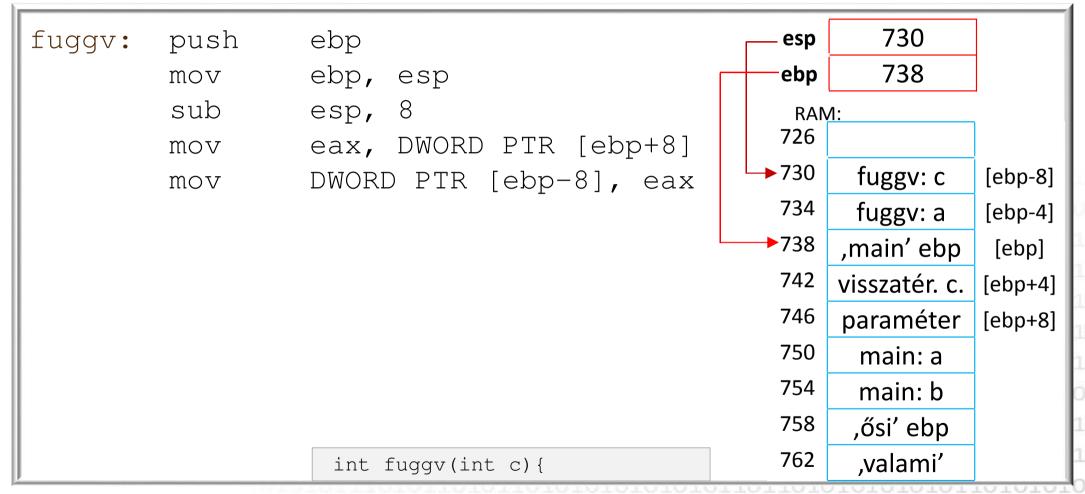




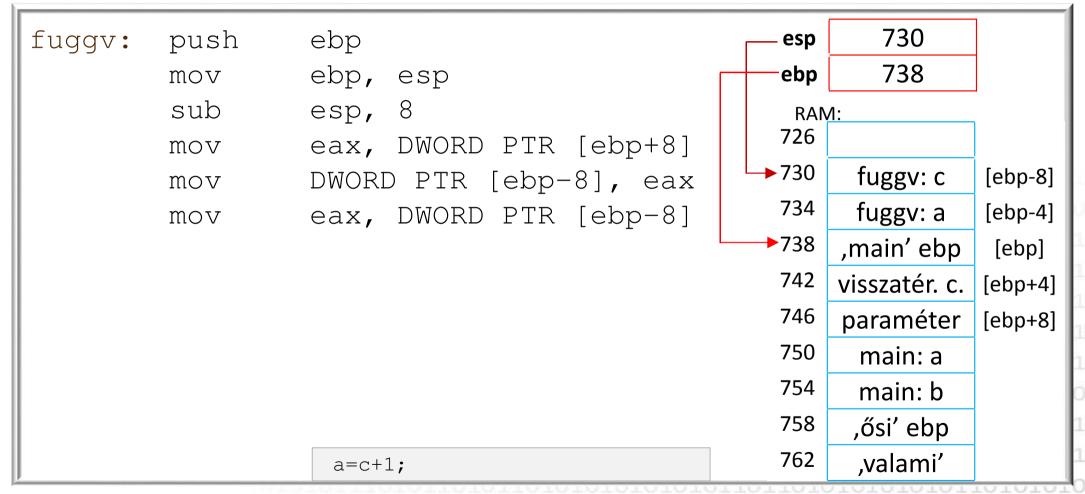




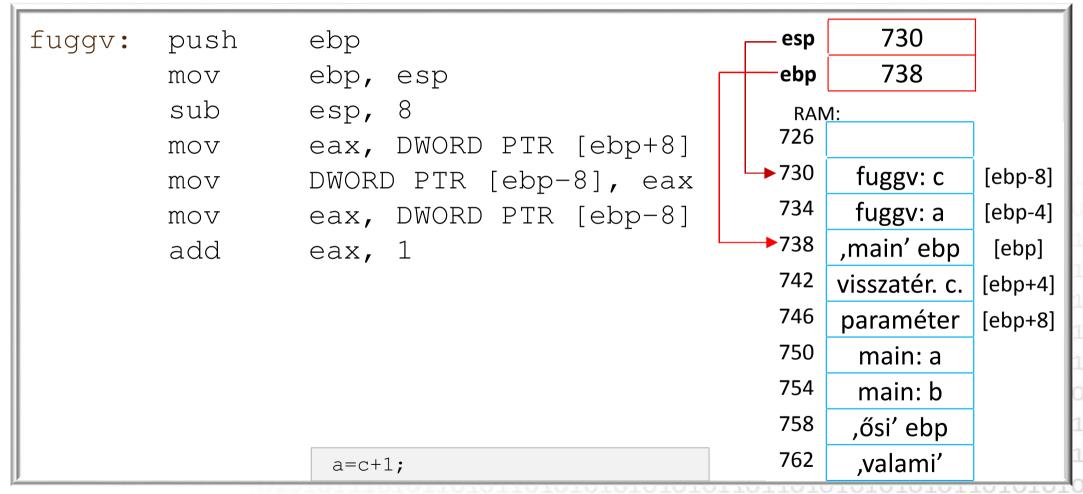




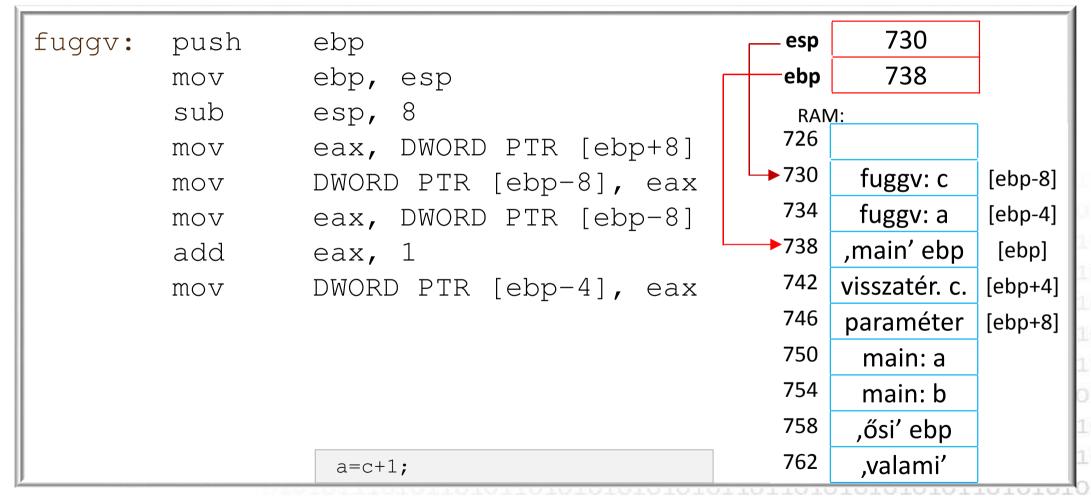




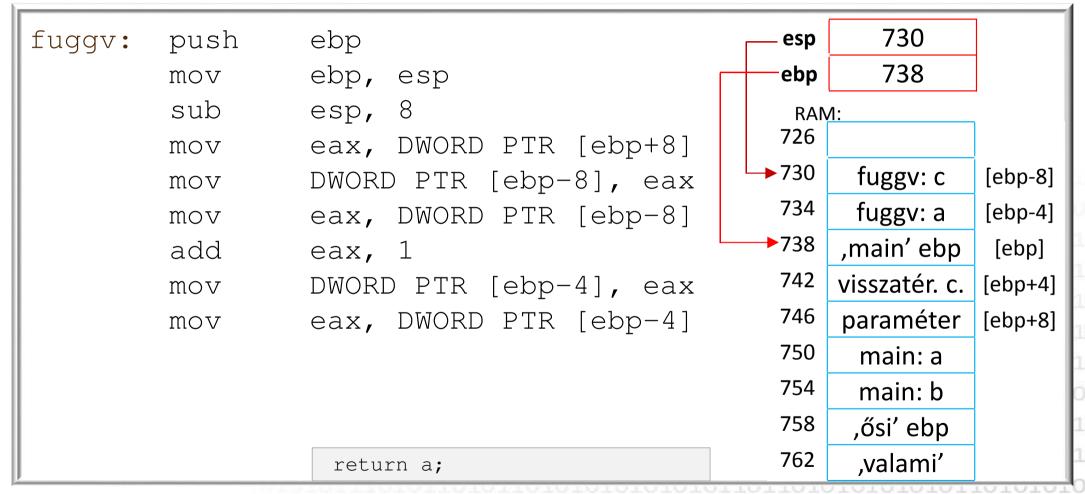




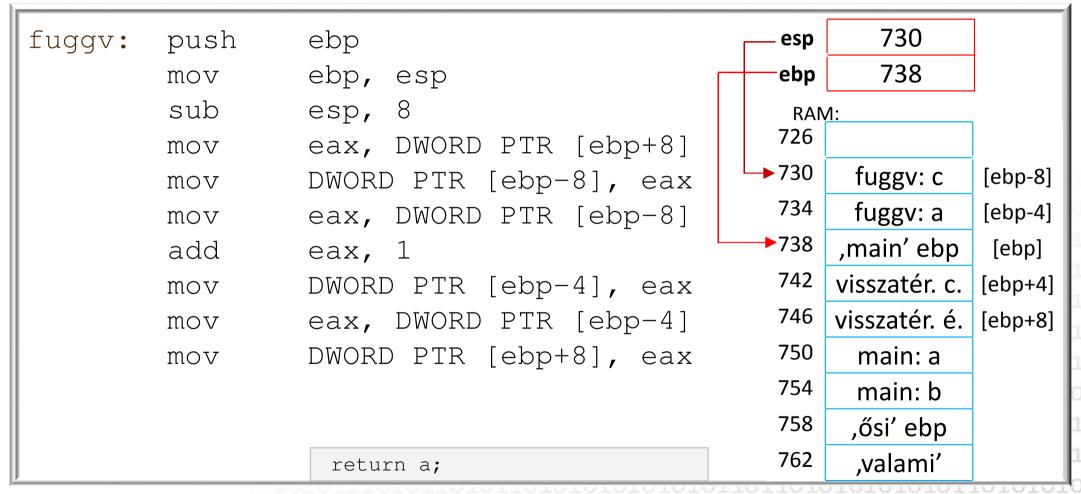




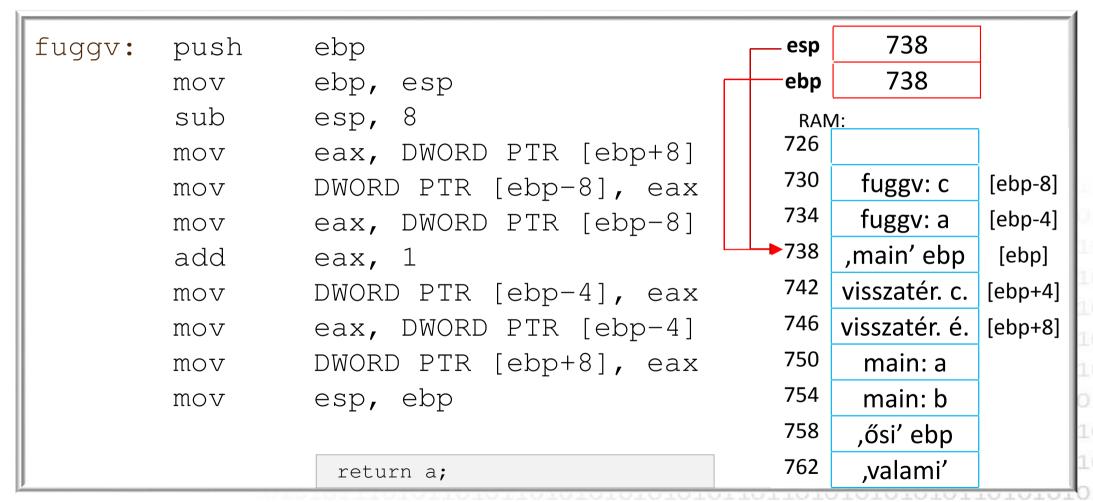




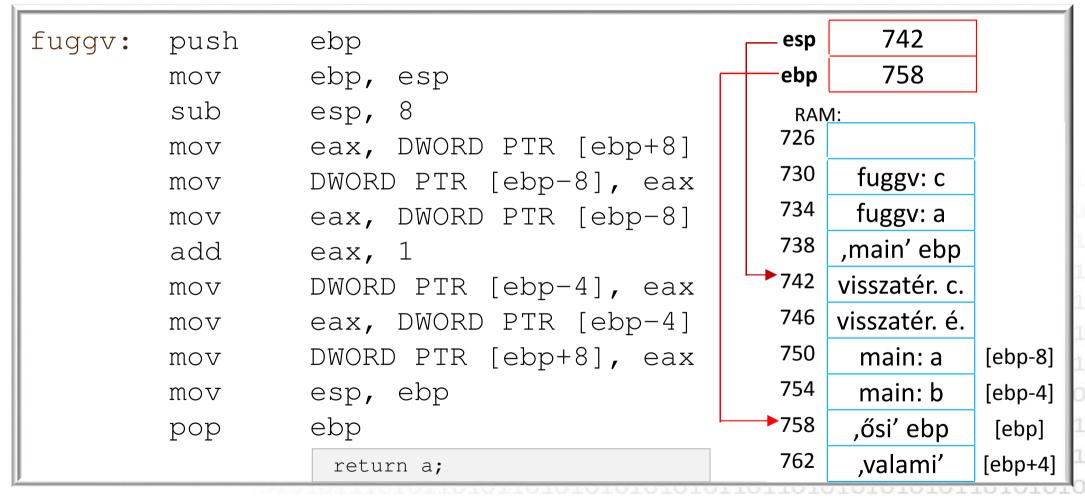




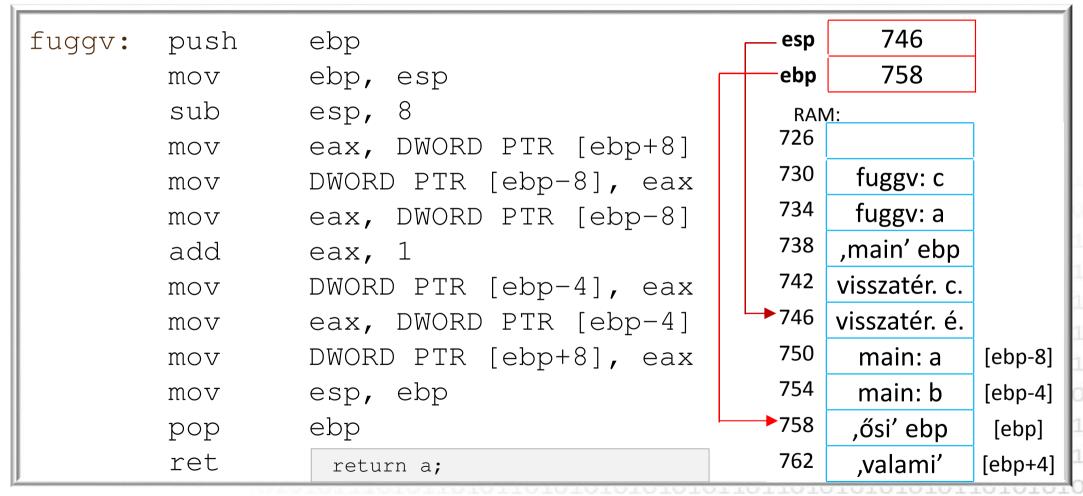




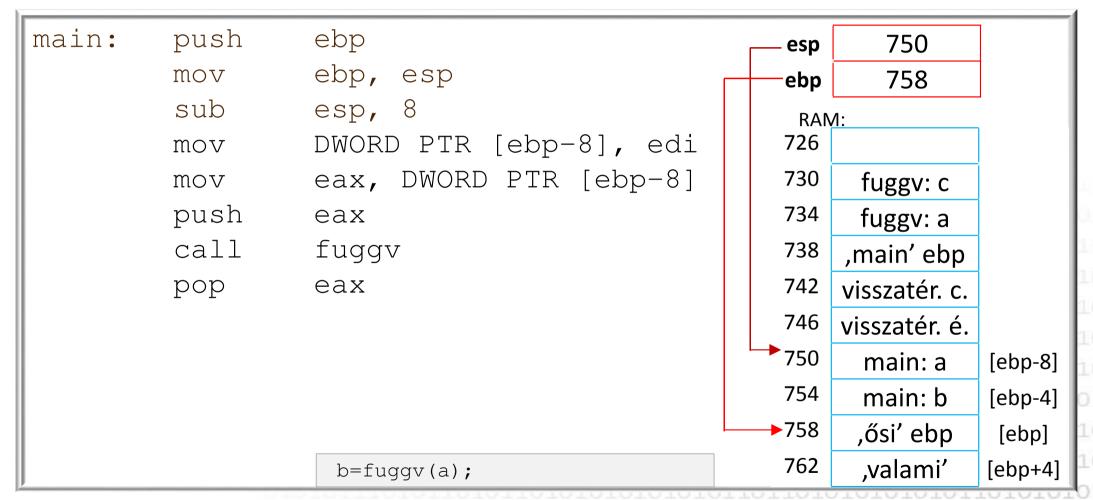




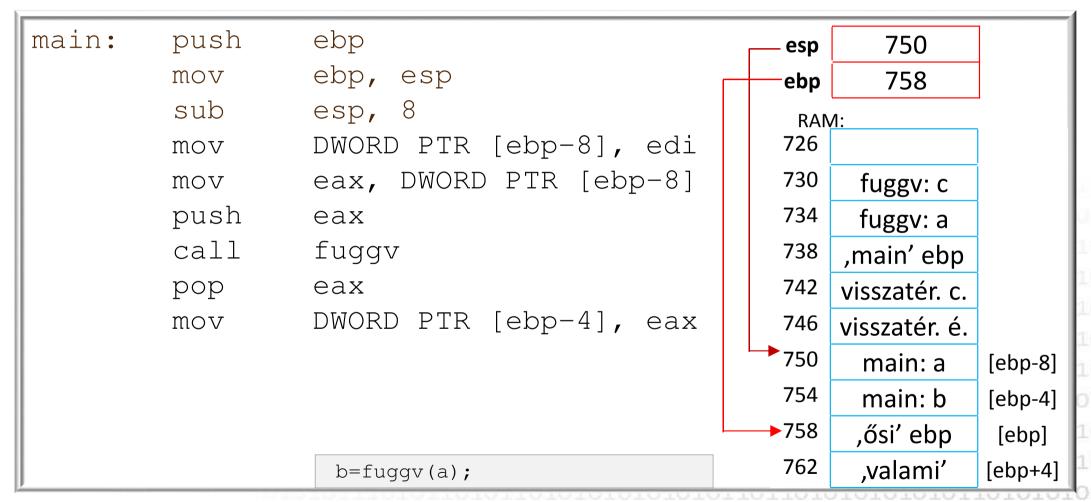




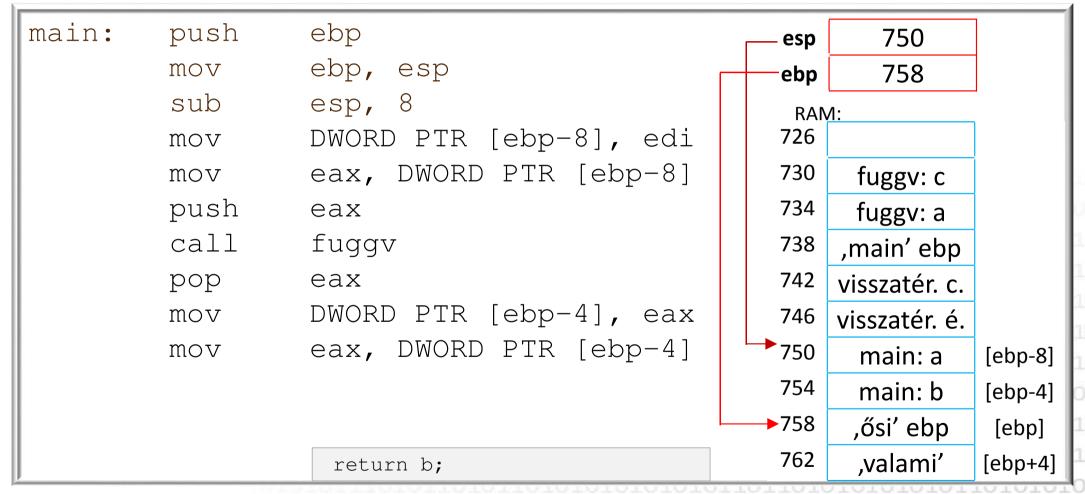




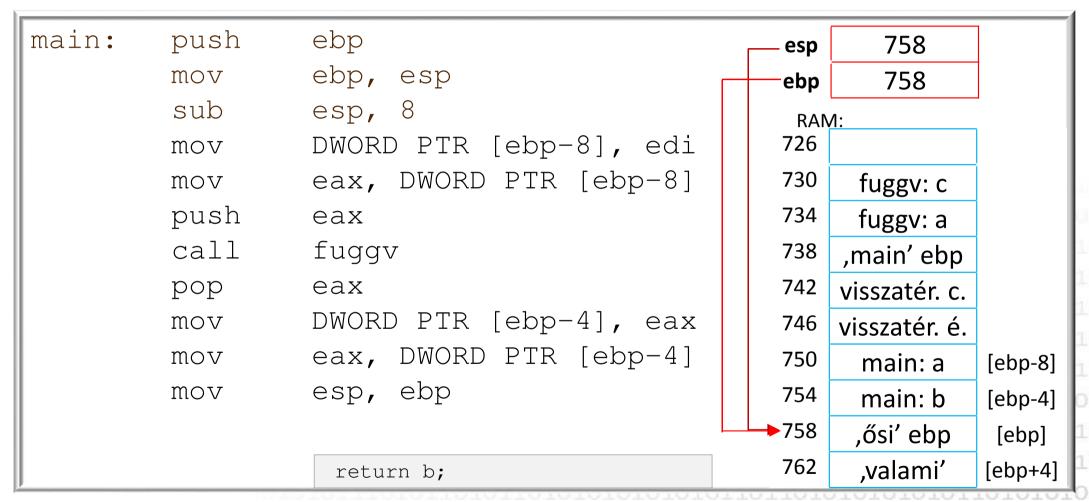




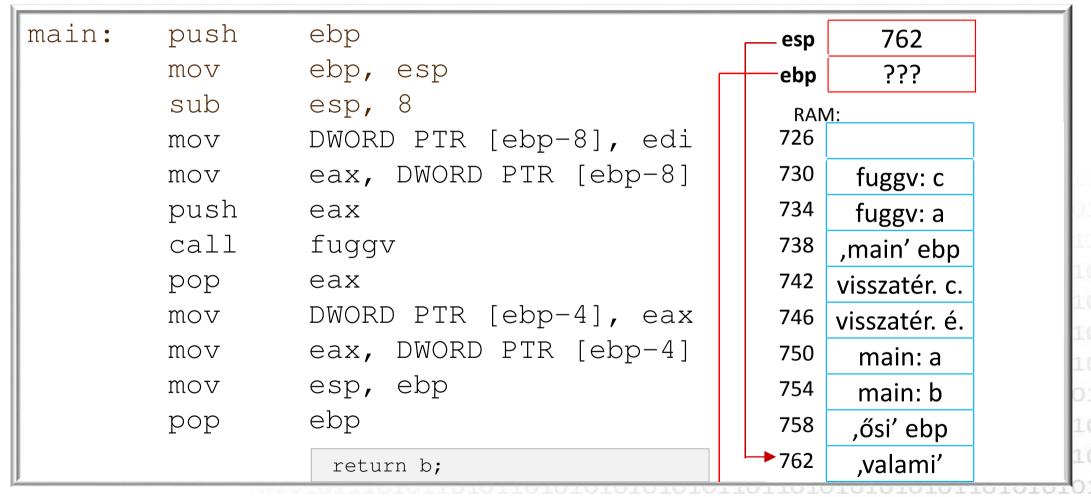














main:	push	ebp	esp	766
	mov	ebp, esp	ebp	555
	sub	esp, 8	RAN	ΛI:
	mov	DWORD PTR [ebp-8], edi	726	
	mov	eax, DWORD PTR [ebp-8]	730	fuggv: c
	push	eax	734	fuggv: a
	call	fuggv	738	,main' ebp
	pop	eax	742	visszatér. c.
	mov	DWORD PTR [ebp-4], eax	746	visszatér. é.
	mov	eax, DWORD PTR [ebp-4]	750	main: a
	mov	esp, ebp	754	main: b
	pop	ebp	758	,ősi' ebp
	ret	return b;	762	visszatér. c.