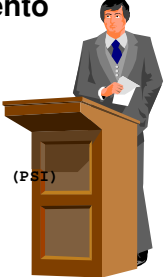


© 2015 Volnys Bernal 1

Pilha de execução Exemplo de funcionamento

Volnys Borges Bernal
volnys@lsi.usp.br

Departamento de Sistemas Eletrônicos (PSE)
Escola Politécnica da USP



© 2015 Volnys Bernal 2

Exercício

```
#include <stdio.h>
char versao[] = "2.1";
int n;
int resultado;

int fatorial (int x)
{
    int y;

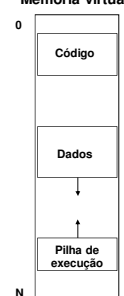
    if (x <= 1)
        y = 1;
    else
        y = x * fatorial(x-1);
    return(y);
}

int main(int argc, char **argv)
{
    printf("Programa fatorial, versao %s \n", versao);
    printf("Entre com o valor: ");
    scanf("%d",&n);
    resultado = fatorial(n);
    printf("Resultado: %d \n",resultado);
}
```

© 2015 Volnys Bernal 3

Exercício

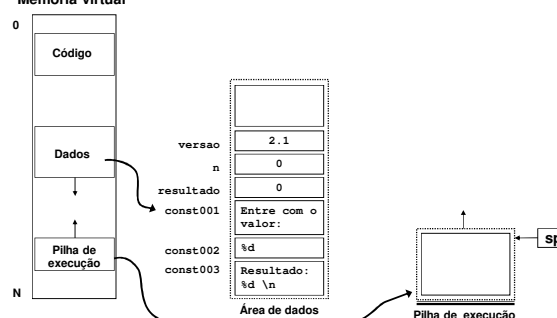
Memória virtual



© 2015 Volnys Bernal 4

Exercício

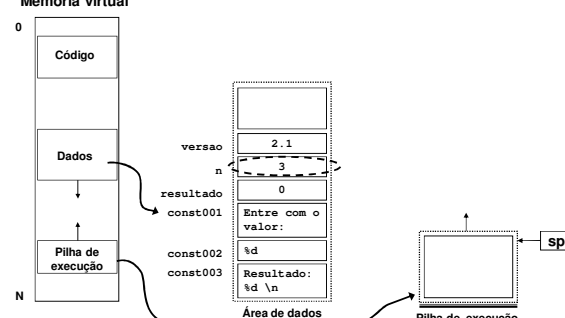
Memória virtual



© 2015 Volnys Bernal 5

Exercício

Memória virtual



© 2015 Volnys Bernal 6

Exercício

Memória virtual

