

if  $i < \text{len}(a)$  and  $a[i] == 0$  :  
stražar  
(guard)

$b_1$  and also  $b_2$       izračuna vedno oba  
↑  
 $i++$   
stranski učinek : → print  
→ launch missile

$\eta | b \hookrightarrow \text{true}$        $(\eta, c_1) \mapsto \eta'$        $(\eta, c_1) \mapsto (\eta', c_1')$

---

$(\eta, \text{if } b \text{ then } c_1 \text{ else } c_2) \mapsto$

while  $b$  do  $c$  done  $\equiv$

[ if  $b$  then  
   $(c ; \text{while } b \text{ do } c \text{ done})$   
  else skip  
end

# Evaluacijski kontekst

```

i := 0;
s := 0;
while i < 100 do
    s := s + i;
     ← lukuja
done;
s := s + 42
    
```

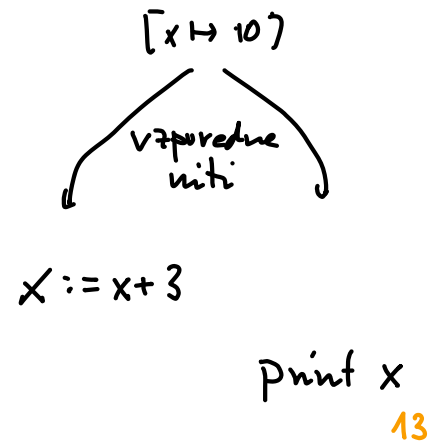
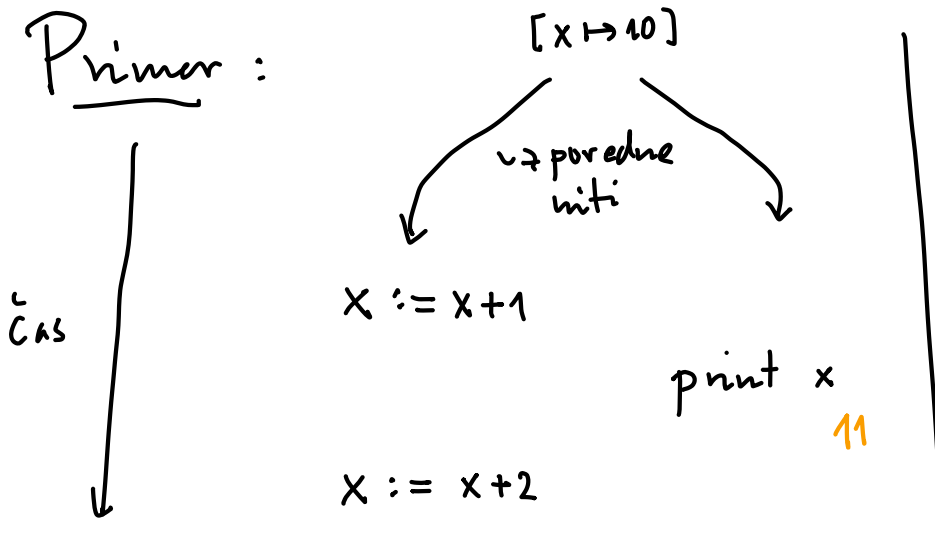
C [ ]

C [ i := i + 3 ]

```

i := 0;
s := 0;
while i < 100 do
    s := s + i;
    i := i + 3
done;
s := s + 42
    
```

## Primer :



Lokalne spremenljivke :

deklaracija lokalne spremenljivke i

```
{  
  int i = 3;  
  ...  
  i = i + 7;  
  ...  
}
```

new i := 3 in (

```
  ...  
  i = i + 7;  
  ...  
)
```