

1)

$P \rightarrow Ds Ss$

$type \rightarrow int \mid bool$

$Ds \rightarrow D$

$\mid D Ds$

$D \rightarrow type \ ID \ "=" \ E$

$Ss \rightarrow S \mid \text{"return"} \ E$

$\mid S Ss$

$S \rightarrow ID \ "=" \ E$

$E \rightarrow nro \mid True \mid False$

$\mid E * E$

$\mid E + E$

$\mid (E)$

$\mid ID$

2)

constantes

dígito: $[0-9]^+$

letra: $[a-zA-Z]$

bool: $True \mid False$

palabras reservadas

$\text{"int"} \mid \text{"bool"}$

ID: $\{letra\}(\{letra\}|\{dígito\})^*$

operadores

$[+=*;()]$