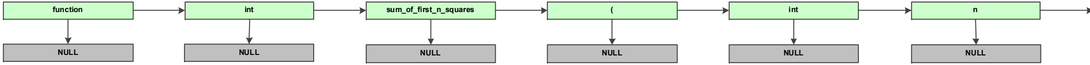
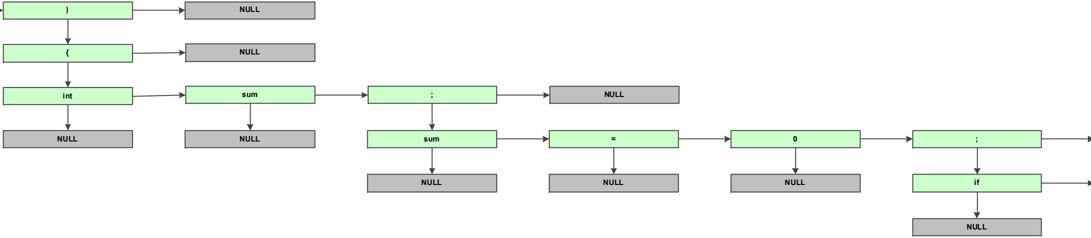
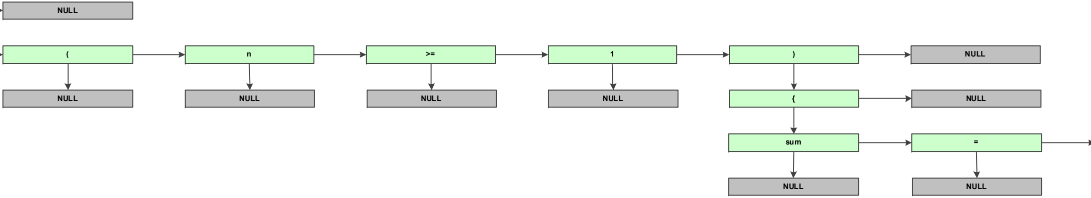
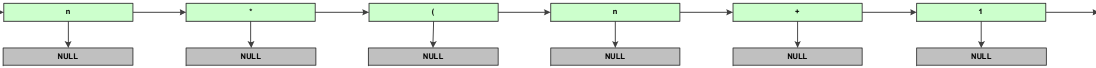
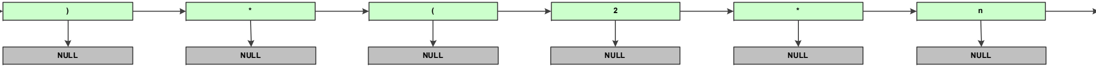
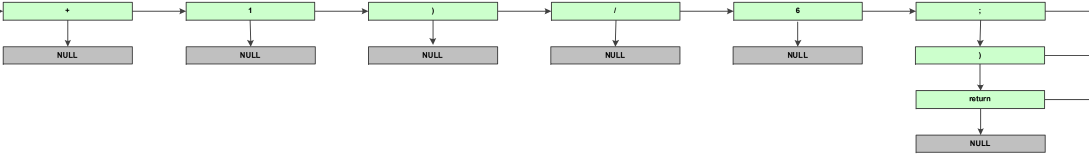

function
NULL
int
NULL
sum_of_first_n_squares
NULL
(
NULL
int
NULL
n
NULL

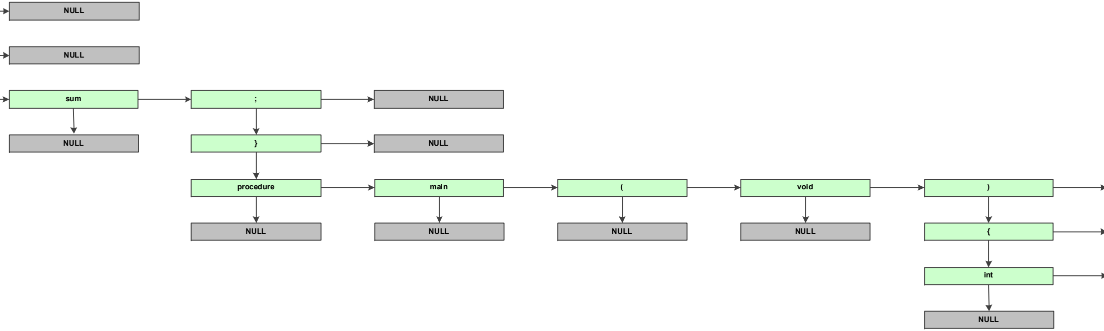

)
NULL
{
NULL
int
sum
;
NULL
NULL
NULL
sum
=
0
;
NULL
NULL
NULL
if
NULL

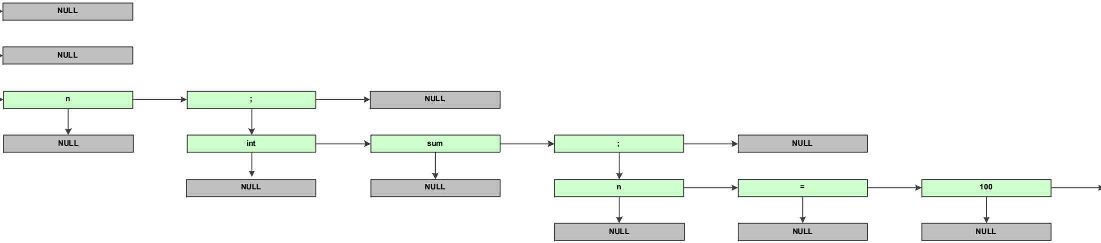

NULL
(
n
>=
1
)
NULL
NULL
NULL
NULL
NULL
{
NULL
sum
=
NULL
NULL

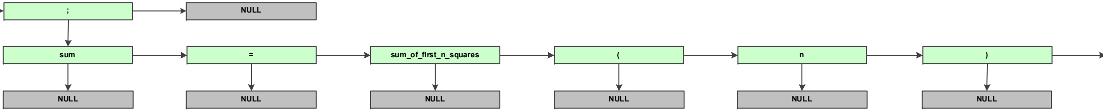

n
*
(
n
+
1
NULL
NULL
NULL
NULL
NULL
NULL

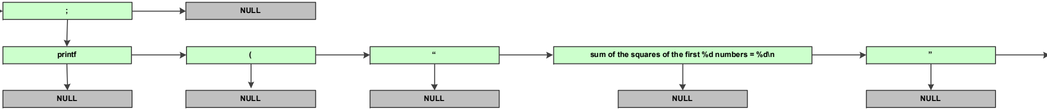

)
NULL
*
NULL
(
NULL
2
NULL
*
NULL
n
NULL


+
1
)
/
6
;
NULL
NULL
NULL
NULL
NULL
)
return
NULL

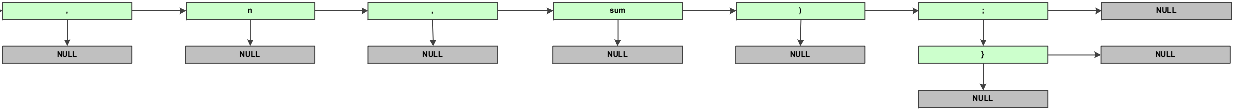

NULL
NULL
sum
;
NULL
NULL
}
NULL
procedure
main
(
void
)
NULL
NULL
NULL
NULL
{
int
NULL


NULL
NULL
n
;
NULL
NULL
int
sum
;
NULL
NULL
NULL
n
=
100
NULL
NULL
NULL


;
NULL
sum
=
sum_of_first_n_squares
(
n
)
NULL
NULL
NULL
NULL
NULL
NULL



;
NULL
printf
(
“
sum of the squares of the first %d numbers = %d\n
”
NULL
NULL
NULL
NULL
NULL


,
n
,
sum
)
;
NULL
NULL
NULL
NULL
NULL
NULL
}
NULL
NULL