| <b>prog</b> ::=  | {input: data_type, output: data_type}                        |
|------------------|--|
| data_type ::=    | {nonrec_field list, rec_field list}                          |
| nonrec_field ::= | <pre>Tensor[int list]   field_name :: Tensor[int list]</pre> |
| rec_field ::=    | field_name   |
| field_name ::=   | $[a-z0-9_{}]*$   |