

Date _____

NAME	FIRST
<Start>	{ Abstract, static, sealed, class, Interface }
• <Defns>	{ Abstract, static, sealed, class, Interface, E }
• <Cat>	{ static, abstract, sealed, E }
• <INH>	{ Extends, E }
• <Class-Interface-Def>	{ Class, Interface }
• <Class-Body>	{ Private, Public, Protected, static, final, void, int, float, string, char, bool, ID, E }
• <Var-Fun-Dec>	{ void, int, float, string, char, bool, ID }
• <PLD>	{ (, ID }
• <Interface-Body>	{ Private, Public, Protected, static, final, int, float, string, char, bool, void }
• <AM>	{ Private, Public, Protected, E }
• <Static>	{ static, E }
• <Final>	{ final, E }
• <DT-Pri>	{ int, float, string, char, bool }
• <PNP>	{ int, float, string, char, bool, ID }
• <DT-ALL>	{ int, float, string, char, bool, ID }
• <Array>	{ [, E }



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NAME	FIRST
• <Return-Type>	{ int, float, string, char, bool, ID, ^{void} }
<Init-Parameter-List>*	{ int, float, string, char, bool, ID, ε }
• <MIP>*	{ , , ε }
• <MST>*	{ int, float, string, char, bool, ID, for, if, break, continue, return, ε }
• <SST>	{ int, float, string, char, bool, ID, for, if, break, continue, return, ;, { }
<Decl-Init>	{ int, float, string, char, bool, ID }
<Decl-Init>	{ int, float, string, char, bool, ID }
• <DA>*	{ , , = , ε }
• <One-More-DA>*	{ , , ε }
• <SAO>	{ ID, Const, Ppmm, !, New }
• <AO>	{ int, float, char, string, bool, ID }
• <AOD>	{ [, < }
• <Parameter-List>*	{ ID, Const, Ppmm, !, ε }
• <MP>*	{ , , ε }
• <OE>*	{ " , ε }
• <OES>	{ ID, Const, Ppmm, ! }



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NAME	FIRST
• $\langle AE \rangle$	$\{ ID, Const, Ppmm, ! \}$
• $\langle AE' \rangle$	$\{ \& \&, \epsilon \}$
• $\langle RE \rangle$	$\{ ID, Const, Ppmm, ! \}$
• $\langle RE' \rangle$	$\{ Relational - OP, \epsilon \}$
• $\langle E \rangle$	$\{ ID, Const, Ppmm, ! \}$
• $\langle E' \rangle$	$\{ Pm, \epsilon \}$
• $\langle T \rangle$	$\{ ID, Const, Ppmm, ! \}$
• $\langle T' \rangle$	$\{ mp, \epsilon \}$
• $\langle F \rangle$	$\{ ID, Const, Ppmm, ! \}$
• $\langle SAFOID \rangle$	$\{ [, [, \epsilon, Ppmm, . \}$
• $\langle Obj - F \rangle$	$\{ . \}$
• $\langle AP \rangle$	$\{ [, ., Ppmm, \epsilon \}$
• $\langle MORE \rangle$	$\{ ., \epsilon \}$
• $\langle MO \rangle$	$\{ ., Ppmm, \epsilon \}$
• $\langle Assignn \rangle$	$\{ ., [, \epsilon \}$
• $\langle Obj - Var - Assignn \rangle$	$\{ . \}$



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NAME	FIRST
* <At-Fn>	{ ID }
* <AMP> +	{ [, . , (, e }
* <More-At-Fn>	{ . }
* <m> +	{ . , e }
* <is Array> +	{ [, e }
* <For-st>	{ For }
* <C ₁ >	{ ID, ; , int , float , string , char , bool }
* <C ₂ > +	{ ID , Const , Ppmm , ! , e }
* <C ₃ > +	{ ID , Ppmm , e }
* <Asgn-Inc-Dec>	{ ID , Ppmm }
* <AID>	{ Ppmm , Asgn-OP }
* <Body>	{ int , float , string , char , bool , ID , for , if , break , continue , return , ; , { , }
* <If-Else-st>	{ If }
* <Else>	{ Else , e }
* <Break-Continue-st>	{ Break , Continue }
* <Return-st>	{ Return }



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NAME	FIRST
<Retrn>	{ ID, Const, Ppmm, !, € }
<Asgn-Inc-Dec-Fun>	{ ., [, Ppmm, Asgn-OP }
<CE-AD-Init>	{ ID, Const, Ppmm, !, New }
<DecInit-Prst>	{ int, float, String, char, boo }
<ADA>	{ ID, (, ., [, int, ... }
<PPAS>	{ ASGN-OP, PPM }

