عاطفه شفیعی ، الهام خسروی

First (Program) = {main}
First (Compound_st) = { { }
First (Local_dec) = {ε,int,char,float,bool}
First (Var_dec) = { int,char,float,bool }
First (Specifier) = { int,char,float,bool }

First (Q) = { ε ,[}

First (Id_ list) = {id}

First (St_list) U First (St) = { ε ,if, while,return,} }

First (St) = First(Selection) U First(Compound_st) U First(Iteration) U
First(Ret-st) U First(Exp) ={if,{,while,return,id,num}

First (Ret-st) = {return}

First (S) = {(,ε}

First (Exp) = {num} U First(Id_ list) = {num,id}

First (Op) = First (Relop) U First(Logicop) U First(Arithop) = {> , < ,
<=,>=,!=,+,-,*,/,%,&&,||}
First (Selection) = {if}

First (Iteration) = {while}

First (Relop) = {<,>,<=,>=,!=,= =,=}

First (Arithop) = {+,-,*,/,%}

First (Logicop) = {&&,||}

Follow:
Follow(Program) = {$}

Follow(Local_dec) = {if,{,while,return,id,num}

Follow(Q) = Follow(Id_ list) = Follow(Var_dec) U {=}= First(Local_dec) U {=} =
{integer,char,Float,bool,=}

Follow(St_list) = {}}

Follow(S) = {;}