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| Closure I0  P' → · P  P → · B  B → · S;  B → · S; B  S → · D  S → · I  S → · W  D → · var id = E  I → · if (C) { B }  W → · while (C) { B } | Goto (I0, P) -> I1  P' → P · |
| Goto (I0, B) -> I2  P → B · |
| Goto (I0, S) -> I3  B → S · ;  B → S · ; **B** |
| Goto (I0, D) -> I4  S → D · |
| Goto (I0, I) -> I5  S → I · |
| Goto (I0, W) -> I6  S → W · |
| Goto (I0, var) -> I7  D → var · id = E |
| Goto (I0, if) -> I8  I → if · (C) {B} |
| Goto (I0, while) -> I9  W → while · (C) {B} |

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| Goto (I0, S) -> I3  B → S · ;  B → S · ; **B** | Goto (I3, ;) -> I10  B → S; ·  B → S; · **B**  *B → · S;*  *B → · S; B*  *S → · D*  *S → · I*  *S → · W*  *D → · var id = E*  *I → · if (C) { B }*  *W → · while (C) { B }* |
| Goto (I0, var) -> I7  D → var · id = E | Goto (I7, id) -> I11  D → var id · = E |
| Goto (I0, if) -> I8  I → if · (C) {B} | Goto (I8, ‘(’) -> I12  I → if ( · **C**) {B}  C → · id == id  C → · id != id  C → · id > id  C → · id < id |
| Goto (I0, while) -> I9  W → while · (C) {B} | Goto (I9, ‘(’) -> I13  W → while ( · **C**) {B}  C → · id == id  C → · id != id  C → · id > id  C → · id < id |
| Goto (I3, ;) -> I10  B → S; ·  B → S; · **B**  *B → · S;*  *B → · S; B*  *S → · D*  *S → · I*  *S → · W*  *D → · var id = E*  *I → · if (C) { B }*  *W → · while (C) { B }* | Goto (I10, B) -> I14  B → S; B· |
| Goto (I10, S) -> I3  B → S · ;  B → S · ; **B** |
| Goto (I10, D) -> I4  S → D · |
| Goto (I10, I) -> I5  S → I · |
| Goto (I10, W) -> I6  S → W · |
| Goto (I10, var) -> I7  D → var · id = E |
| Goto (I10, if) -> I8  I → if · (C) {B} |
| Goto (I10, while) -> I9  W → while · (C) {B} |
| Goto (I7, id) -> I11  D → var id · = E | Goto (I11, =) -> I15  D → var id = · **E**  *E → · T + E*  *E → · T – E*  *E → · T*  *T → · F \* T*  *T → · F / T*  *T → · F*  *F → · number*  *F → · id*  *F → · (E)* |
| Goto (I8, ‘(’) -> I12  I → if ( · **C**) {B}  C → · id == id  C → · id != id  C → · id > id  C → · id < id | Goto (I12, C) -> I16  I → if (C· ) {B} |
| Goto (I12, id) -> I17  C → id · == id  C → id · != id  C → id · > id  C → id · < id |
| Goto (I9, ‘(’) -> I13  W → while ( · **C**) {B}  C → · id == id  C → · id != id  C → · id > id  C → · id < id | Goto (I13, C) -> I18  W → while (C · ) {B} |
| Goto (I13, id) -> I17  C → id · == id  C → id · != id  C → id · > id  C → id · < id |

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| Goto (I11, =) -> I15  D → var id = · **E**  *E → · T + E*  *E → · T – E*  *E → · T*  *T → · F \* T*  *T → · F / T*  *T → · F*  *F → · number*  *F → · id*  *F → · (E)* | Goto (I11, E) -> I19  D → var id = **E** · |
| Goto (I15, T) -> I20  E → T · + E  E → T · – E  E → T · |
| Goto (I15, F) -> I21  T → F · \* T  T → F · / T  T → F · |
| Goto (I15, number) -> I22  F → number · |
| Goto (I15, id) -> I23  F → id · |
| Goto (I15, ‘(’) -> I24  F → ( · **E**)  *E → · T + E*  *E → · T – E*  *E → · T*  *T → · F \* T*  *T → · F / T*  *T → · F*  *F → · number*  *F → · id*  *F → · (E)* |
| Goto (I12, C) -> I16  I → if (C· ) {B} | Goto (I16, ‘)’) -> I25  I → if (C)· {B} |
| Goto (I12, id) -> I17  C → id · == id  C → id · != id  C → id · > id  C → id · < id | Goto (I17, ==) -> I26  C → id == · id  Goto (I17, !=) -> I27  C → id != · id  Goto (I17, >) -> I28  C → id > · id  Goto (I17, <) -> I29  C → id < · id |
| Goto (I13, C) -> I18  W → while (C · ) {B} | Goto (I18, ‘)’) -> I30  W → while (C) · {B} |

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| Goto (I15, T) -> I20  E → T · + E  E → T · – E  E → T · | Goto (I20, +) -> I31  E → T + · **E**  *E → · T + E*  *E → · T – E*  *E → · T*  *T → · F \* T*  *T → · F / T*  *T → · F*  *F → · number*  *F → · id*  *F → · (E)* |
| Goto (I20, -) -> I32  E → T - · **E**  *E → · T + E*  *E → · T – E*  *E → · T*  *T → · F \* T*  *T → · F / T*  *T → · F*  *F → · number*  *F → · id*  *F → · (E)* |
| Goto (I15, F) -> I21  T → F · \* T  T → F · / T  T → F · | Goto (I21, \*) -> I33  T → F \* · **T**  *T → · F \* T*  *T → · F / T*  *T → · F*  *F → · number*  *F → · id*  *F → · (E)* |
| Goto (I21, /) -> I34  T → F / · **T**  *T → · F \* T*  *T → · F / T*  *T → · F*  *F → · number*  *F → · id*  *F → · (E)* |
| Goto (I15, ‘(’) -> I24  F → ( · **E**)  *E → · T + E*  *E → · T – E*  *E → · T*  *T → · F \* T*  *T → · F / T*  *T → · F*  *F → · number*  *F → · id*  *F → · (E)* | Goto (I24, E) -> I35  F → (E · )  Goto (I24, T) -> I20  Goto (I24, F) -> I21  Goto (I24, number) -> I22  Goto (I24, id) -> I23  Goto (I24, ‘(’) -> I24 |
| Goto (I16, ‘)’) -> I25  I → if (C)· {B} | Goto (I25, {) -> I36  I → if (C) {· **B**}  *B → · S*  *B → · S B*  *S → · D*  *S → · I*  *S → · W*  *D → · var id = E*  *I → · if (C) { B }*  *W → · while (C) { B }* |
| Goto (I17, ==) -> I26  C → id == · id | Goto (I26, id) -> I37  C → id == id · |
| Goto (I17, !=) -> I27  C → id != · id | Goto (I27, id) -> I38  C → id != id · |
| Goto (I17, >) -> I28  C → id > · id | Goto (I28, id) -> I39  C → id > id · |
| Goto (I17, <) -> I29  C → id < · id | Goto (I29, id) -> I40  C → id < id · |
| Goto (I18, ‘)’) -> I30  W → while (C) · {B} | Goto (I30, {) -> I41  W → while (C) { · **B**}  *B → · S*  *B → · S B*  *S → · D*  *S → · I*  *S → · W*  *D → · var id = E*  *I → · if (C) { B }*  *W → · while (C) { B }* |
| Goto (I20, +) -> I31  E → T + · **E**  *E → · T + E*  *E → · T – E*  *E → · T*  *T → · F \* T*  *T → · F / T*  *T → · F*  *F → · number*  *F → · id*  *F → · (E)* | Goto (I31, E) -> I42  E → T + E ·  Goto (I31, T) -> I20  Goto (I31, F) -> I21  Goto (I31, number) -> I22  Goto (I31, id) -> I23  Goto (I31, ‘(’) -> I24 |
| Goto (I20, -) -> I32  E → T - · **E**  *E → · T + E*  *E → · T – E*  *E → · T*  *T → · F \* T*  *T → · F / T*  *T → · F*  *F → · number*  *F → · id*  *F → · (E)* | Goto (I32, E) -> I43  E → T - E ·  Goto (I32, T) -> I20  Goto (I32, F) -> I21  Goto (I32, number) -> I22  Goto (I32, id) -> I23  Goto (I32, ‘(’) -> I24 |
| Goto (I21, \*) -> I33  T → F \* · **T**  *T → · F \* T*  *T → · F / T*  *T → · F*  *F → · number*  *F → · id*  *F → · (E)* | Goto (I33, T) -> I44  T → F \* T ·  Goto (I33, F) -> I21  Goto (I33, number) -> I22  Goto (I33, id) -> I23  Goto (I33, ‘(’) -> I24 |
| Goto (I21, /) -> I34  T → F / · **T**  *T → · F \* T*  *T → · F / T*  *T → · F*  *F → · number*  *F → · id*  *F → · (E)* | Goto (I34, T) -> I45  T → F / T ·  Goto (I34, F) -> I21  Goto (I34, number) -> I22  Goto (I34, id) -> I23  Goto (I34, ‘(’) -> I24 |
| Goto (I24, E) -> I35  F → (E · ) | Goto (I35, ‘)’) -> I46  F → (E) · |
| Goto (I25, {) -> I36  I → if (C) {· **B**}  *B → · S*  *B → · S B*  *S → · D*  *S → · I*  *S → · W*  *D → · var id = E*  *I → · if (C) { B }*  *W → · while (C) { B }* | Goto (I36, B) -> I47  I → if (C) {B· }  Goto (I36, S) -> I3  Goto (I36, D) -> I4  Goto (I36, I) -> I5  Goto (I36, W) -> I6  Goto (I36, var) -> I7  Goto (I36, if) -> I8  Goto (I36, while) -> I9 |

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| Goto (I30, {) -> I41  W → while (C) { · **B**}  *B → · S*  *B → · S B*  *S → · D*  *S → · I*  *S → · W*  *D → · var id = E*  *I → · if (C) { B }*  *W → · while (C) { B }* | Goto (I41, B) -> I48  W → while (C) {B· }  Goto (I41, S) -> I3  Goto (I41, D) -> I4  Goto (I41, I) -> I5  Goto (I41, W) -> I6  Goto (I41, var) -> I7  Goto (I41, if) -> I8  Goto (I41, while) -> I9 |
| Goto (I36, B) -> I47  I → if (C) {B· } | Goto (I47, }) -> I49  I → if (C) {B}· |
| Goto (I41, B) -> I48  W → while (C) {B· } | Goto (I48, }) -> I50  W → while (C) {B}·P |