**Interface Left factoring**

<interface\_body> → <attrb><interface\_body> | <method\_interface> <interface\_body>

<interface\_body> → <attrb><interface\_body>

<interface\_body> → <method\_interface> <interface\_body>

<attrb> 🡪 <attr\_header> <dec>  
<attrb\_header> 🡪 AM static final | ∈

<method\_interface> --> <interface\_method\_header> <func\_def\_interface>

<interface\_body> → AM <ifb2>

<interface\_body> → <dec> <interface\_body> niche kri h

<interface\_body> → <func\_def\_interface> <interface\_body> niche kri h

<ifb2> 🡪 static final <dec> <interface\_body>

<ifb2> 🡪 <func\_def\_interface> <interface\_body>

<interface\_body> → <dec> <interface\_body>

<interface\_body> → <func\_def\_interface> <interface\_body>

Ye total bani hain lekn iske bd abi or left factoring hogi

<interface\_body> → AM <ifb2>

<interface\_body> → DT <ifb3>

<interface\_body> → String <ifb3>

<interface\_body> → ID <ifb4>

<interface\_body> → dict <ifb5>

<ifb2> 🡪 static final <dec> <interface\_body>

<ifb2> 🡪 <func\_def\_interface> <interface\_body>

<ifb3> 🡪 ID <dec1> <interface\_body> | <fn\_def\_inter2> <interface\_body>

<ifb4> 🡪 ID <dec2> <interface\_body> | <fn\_def\_inter2> <interface\_body>

<ifb5> 🡪 ID <dec3> <interface\_body> | <fn\_def\_inter2> <interface\_body>

<ifb3> 🡪 ID <ifb3a>

<ifb3> 🡪 [ ] <arr\_mul> ID { <params\_list> }

<ifb3a> 🡪 <dec1> <interface\_body> | { <params\_list> } <interface\_body>

<ifb4> 🡪 ID <ifb4a>

<ifb4> 🡪 [ ] <arr\_mul> ID { <params\_list> }

<ifb4a> 🡪 <dec2> <interface\_body> | { <params\_list> } <interface\_body>

<ifb5> 🡪 ID <ifb5a>

<ifb5> 🡪 [ ] <arr\_mul> ID { <params\_list> }

<ifb5a> 🡪 <dec3> <interface\_body> | { <params\_list> } <interface\_body>

**Bilkul final cfg interface body ki**

<interface\_body> → AM <ifb2>

<interface\_body> → DT <ifb3>

<interface\_body> → String <ifb3>

<interface\_body> → ID <ifb4>

<interface\_body> → dict <ifb5>

<ifb2> 🡪 static final <dec> <interface\_body>

<ifb2> 🡪 <func\_def\_interface> <interface\_body>

<ifb3> 🡪 ID <ifb3a>

<ifb3> 🡪 [ ] <arr\_mul> ID { <params\_list> }

<ifb3a> 🡪 <dec1> <interface\_body> | { <params\_list> } <interface\_body>

<ifb4> 🡪 ID <ifb4a>

<ifb4> 🡪 [ ] <arr\_mul> ID { <params\_list> }

<ifb4a> 🡪 <dec2> <interface\_body> | { <params\_list> } <interface\_body>

<ifb5> 🡪 ID <ifb5a>

<ifb5> 🡪 [ ] <arr\_mul> ID { <params\_list> }

<ifb5a> 🡪 <dec3> <interface\_body> | { <params\_list> } <interface\_body>

Methods of our interface will never be static

<interface\_method\_header> --> AM | ∈

<func\_def\_interface>--> DT <fn\_def\_inter2>

<func\_def\_interface>-->String <fn\_def\_inter2>

<func\_def\_interface>--> ID <fn\_def\_inter2>

<func\_def\_interface>--> dict <fn\_def\_inter2>

<fn\_def\_inter2 > 🡪 ID { <params\_list> }

<fn\_def\_inter2> 🡪 [ ] <arr\_mul> ID { <params\_list> }