**Assigment CFGs**

**Left factoring or left recursion**

**a = 5 a = “ali” (Syntax)**

**a = b = c = 4 = d**

**a = b.fn() bs isko thk krna h**

**this.a[5] += 5**

**this.a[5] = arr1**

**a[5] = 4**

**a[2][0] = a + b**

**a(a) = 5**

**this.b(name) = “Muzzamil”**

**CFG**

**<assgn\_var\_or\_arr\_or\_dict> --> <TS> ID <option> <assgn\_var\_val>**

**<asgn\_var\_val> --> <assgn\_op> <OE>**

**<assgn\_op> = | COMPASS**

**<assgn\_op\_b> -> khtm krdia**

**Assignment of OBj and enum**

**(Syntax)**

**day= "Monday" Enum syntax**

**a = new Dog{} (Syntax)**

**<assgn\_obj\_or\_enum> -> <TS> ID <option> = <assgn\_obj\_or\_enum\_val>**

**<assgn\_obj\_or\_enum\_val> -> <OE>**

**<assgn\_obj\_or\_enum\_val> -> new ID { <arguments>}**

**<arguments> --> <args\_list> | €**

**<args\_list> --> <OE> <list\_args> | ∈**

**<list\_args> --> , <OE> <list\_args> | ∈**

**Dictionary access cfg!**

**syntax: dict\_var(key)**

**cfg:**

**<dict\_access> --> <TS> ID <option>**