

# Programming Languages HW # 2

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1. (a)  $(0^*10^*(0^*10^*10^*)^*|(0|1)^*000(0|1)^*)^*$
- (b)  $\text{consonant} = [b-d|f-h|j-n|p-t|v-z]$   
 $\text{consonant}^* a [\text{consonant}|a]^* e [\text{consonant}|e]^* i [\text{consonant}|i]^* o [\text{consonant}|o]^* u$   
 $[\text{consonant}|u]^*$
- (c)  $((//)[.]^*(\backslash n)|(/*)[.]^*(/*//))$   
 Note: "." is the symbol for any character



