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IT – 145: Foundation in Application Development

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**Module 1 Pseudocode and Flowchart**

**Initialize** variables

catSpaces = 12

catSpace = []

dogSpaces = 30

dogSpace= []

**Prompt** user to enter if they are bringing in a cat or dog.

**IF**  pet is cat

**IF** catSpaces > 0

**Prompt** user is pet a returning pet

**IF** returning pet

**Prompt** user for pet updated info

**ELSE**

**Prompt** user for new pet info

**Prompt** user on length of visit

catSpaces – 1

**Assign** cat to catSpace

**ELIF** pet is dog

**IF** dogspaces > 0

**Prompt** user is pet a returning pet

**IF** returning pet

**Prompt** user for pet updated info

**ELSE**

**Prompt** user for pet info

**Prompt** user on length of visit

**IF** length of visit >= 2

**Prompt** user if pet will be groomed

**IF** yes

**ADD** to dog info

dogSpaces – 1

**Assign** pet to dogSpace

**ENDIF**

**ELSE**

**PRINT** sorry there’s no spaces available right now

**Flowchart**

**A diagram of a flowchart

Description automatically generated**