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COP 3538 Data Structures using OOP

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Project 5 Pseudocode Presidents class

**Presidents class**

**public Presidents (String input)**

declare inputSplit array and assign input calling split passing the String ,

assign inputSplit at index 0 to presidentNumber

assign inputSplit at index 1 to presidentLastName

assign inputSplit at index 2 to presidentYearsInOffice

assign inputSplit at index 3 to presidentParty

assign inputSplit at index 4 to presidentHomeState

end Presidents constructor

**public Presidents (String input, int number)**

declare inputSplit array and assign input calling split passing the String ,

assign inputSplit at index 0 to presidentUpdateCode

if inputSplit length equal 2

assign inputSplit at index 1 to presidentLastName

else if inputSplit length equals 5

assign inputSplit at index 1 to presidentLastName

assign inputSplit at index 2 to presidentYearsInOffice

assign inputSplit at index 3 to presidentParty

assign inputSplit at index 4 to presidentHomeState

end else if

else

assign inputSplit at index 1 to presidentNumber

assign inputSplit at index 2 to presidentLastName

assign inputSplit at index 3 to presidentYearsInOffice

assign inputSplit at index 4 to presidentParty

assign inputSplit at index 5 to presidentHomeState

end else

end second Presidents constructor

**public String getPresidentNumber ()**

return the value of presidentNumber to the calling environment

end getPresidentNumber method

**public String getPresidentLastName ()**

return the value of presidentLastName to the calling environment

end getPresidentLastName method

**public String getPresidentYearsInOffice ()**

return the value of presidentYearsInOffice to the calling environment

end getPresidentYearsInOffice method

**public String getPresidentParty ()**

return the value of presidentParty to the calling environment

end getPresidentParty method

**public String getPresidentHomeState ()**

return the value of presidentHomeState to the calling environment

end getPresidentHomeState method

**public String getPresidentUpdateCode ()**

return the value of presidentUpdateCode to the calling environment

end getPresidentUpdateCode method

end Presidents class