CE 150 COMPUTER PROGRAMMING

STRING FUNCTIONS

by

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Length of a String

- LEN
- A$="He is nice Person."
- I%=LEN(A$)
- I%=18

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Convert String to Upper Case

- UCASE$
- A$="He is nice Person 12.3"
- B$=UCASE$(A$)
- B$="HE IS NICE PERSON 12.3"

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Convert String to Lower Case

- LCASE$
- A$="He is NICE Person 12.3"
- B$=LCASE$(A$)
- B$="he is nice person 12.3"

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Extract Left Most n Characters From a String

- LEFT$
- LEFT$(StringName,n)
- A$="HE IS NICE PERSON."
- B$=LEFT$(A$,4)
- B$="HE I"
- C$=LEFT$(B$,6) → C$="HE I"

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Example 3

- A$="HE IS NICE PERSON."
- B$=LEFT$(A$,0)
- B$=""   (A null string)

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Extract Right Most n Characters From a String

- RIGHT$
- RIGHT$(StringName,n)
- A$="HE IS NICE PERSON."
- B$=RIGHT$(A$,4)
- B$="SON."
- C$=RIGHT$(B$,6) → C$="SON."

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EXAMPLE

- A$="HE IS NICE PERSON."
- K%=INSTR(A$,"DIC") (Start from beginning)
- K%=0
- J%=INSTR(5,A$,"IS")
- J%=0

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Extract n Characters From a String

- MID$
- MID$(StringName,StartPositrion,n)
- A$="HE IS NICE PERSON."
- B$=MID$(A$,3,5)
- B$=" IS N"
- C$=MID$(A$,5)   Length is missing
- C$="S NICE PERSON."

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Find Occurrence of a Substring in String

- INSTR
- INSTR(startposition,StringName,Substring)
- A$="HE IS NICE PERSON."
- K%=INSTR(A$,"NIC") (Start from beginning)
- K%=7
- J%=INSTR(5,A$,"I")   Gives Second Occurrence of I : J%=8

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