## CREATING DEFINES

## MERGING ANNICD \& ANNIDT TOGETHER

A define that will merge the two fields together, Anniversary Date (ANNIDT) and Anniversary Date Code (ANNICD) into a new field called ANNI1. The values of the new field are NONE, MAX or an Anniversary Date.

DEFINE FILE CSEMPL ADD
DATE1/I6MYY=ANNIDT;
ANNII/A7=IF ANNICD NE 'YES' THEN ANNICD ELSE
EDIT (DATE1,'99/9999');
END
TABLE FILE CSEMPL
PRINT FULL_NAME/A25 AS 'NAME'
PSNO AS 'POSITION NUMBER' CLTTL AS 'CLASS TITLE' ANNII AS 'ANNI, DATE'
BY FULL_NAME NOPRINT
WHERE STATCD IS-NOT 'PERM SEP'
END
-INCLUDE SETCOND

## REPORT OUTPUT:

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| NAME | POSITION NUMBER | CLASS TITLE | ANNI <br> DATE |
| :--- | :--- | :--- | :--- |
| ADAMS, KENNETH | $999-455-8165-209$ | REGISTERED NURSE | MAX |
| BROWN, LAWRENECE P | $999-435-7981-003$ | PHARMACIST II | $01 / 2003$ |
| CLARK, STACEY J | $999-455-8165-209$ | REGISTERED NURSE | $06 / 2003$ |
| FRANKLIN, PAUL W | $999-455-8286-003$ | LICENSED VOC NURSE | $03 / 2003$ |
| GRAPE, CINDY A | $999-455-9991-900$ | YOUTH AID | NONE |

## CREATE A DEFINE TO INCREASE BASEPAY BY 3\%

A define that will create two new fields. One that will show what a
$3 \%$ increase would be, and the other would add the increase to the base pay to show the new salary.

DEFINE FILE CSEMPL ADD
INCREASE/P7.2M=BASEPAY*.03;
NEW_SALARY/P12.2M=BASEPAY*1.03;
END

TABLE FILE CSEMPL
PRINT FULL_NAME/A25 BASEPAY/P8.2M AS 'OLD,SALARY' INCREASE AS '3\%,INCREASE' NEW_SALARY AS 'NEW,SALARY'
WHERE STATCD IS 'ACTIVE'
END
REPORT OUTPUT:
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|  | OLD | $3 \%$ | NEW |
| :--- | ---: | ---: | ---: |
| FULL_NAME | SALARY | INCREASE | SALARY |
| KARLTON, KARL | $\$ 3,314.00$ | $\$ 99.42$ | $\$ 3,413.42$ |
| ZIMMER, ZOE Z | $\$ 2,738.00$ | $\$ 82.14$ | $\$ 2,820.14$ |
| BAXTER, BONNIE B | $\$ 5,788.00$ | $\$ 173.34$ | $\$ 5,951.34$ |
| LUIS, LARRY L | $\$ 3,834.00$ | $\$ 115.02$ | $\$ 3,949.02$ |

## SHORTENING FULL NAME IN A BY

A define that would shorten the format of FULL_NAME in order to use it on the BY line.
DEFINE FILE CSPMTS ADD
NAME/A25=EDIT (FULL_NAME, '9999999999999999999999999');
END
TABLE FILE CSPMTS
PRINT GROSS AS 'GROSS, PAY'
BY NAME
BY PAYPD
WHERE PAYPD IS-FROM '200203' TO '200205'
WHERE PAYTP IS 'O'
END
REPORT OUTPUT:
PAGE 1

| NAME | PAYPD | GROSS <br> PAY |
| :--- | :--- | ---: |
| ARNOLD, BETTY A | $2002 / 03$ | $\$ 5,565.00$ |
|  | $2002 / 04$ | $\$ 5,565.00$ |
|  | $2002 / 05$ | $\$ 5,565.00$ |
| COOPER, SANDY L | $2002 / 03$ | $\$ 4,397.00$ |
|  | $2002 / 04$ | $\$ 4,397.00$ |
|  | $2002 / 05$ | $\$ 4,397.00$ |
| GARLAND, JUDY L | $2002 / 03$ | $\$ 4,397.00$ |
|  | $2002 / 04$ | $\$ 4,397.00$ |
|  | $2002 / 05$ | $\$ 4,397.00$ |

## LAST 4 OR 6 DIGITS OF SSN

A define that creates two new Fieldnames. One that will bring in the last 4 digits of the SSN, and the other will bring in the last 6 digits of the SSN.

```
DEFINE FILE CSEMPL ADD
SSN4/A4=EDIT (SSN, '$$$$$$$9999');
SSN6/A7=EDIT (SSN, '$$$$9999999');
END
```

TABLE FILE
CSEMPL BY SSN
BY SSN4 BY SSN6

END

## REPORT OUTPUT:

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| SSN | SSN4 | SSN6 |
| :--- | :--- | :--- |
| aaa-bb-cccc | cccc | bb-cccc |
| bbb-cc-dddd | dddd | cc-dddd |
| ccc-dd-eeee | eeee | dd-eeee |
| eee-ff-gggg | gggg | ff-gggg |
| fff-gg-hhhh | hhhh | gg-hhhh |

Note:
The four examples of defines listed above, were written as part of the procedure. However, if it's a define that you would be using more than once, then you may want to give it a procedural name and save it as a new procedure. Place this define above your table file request.

