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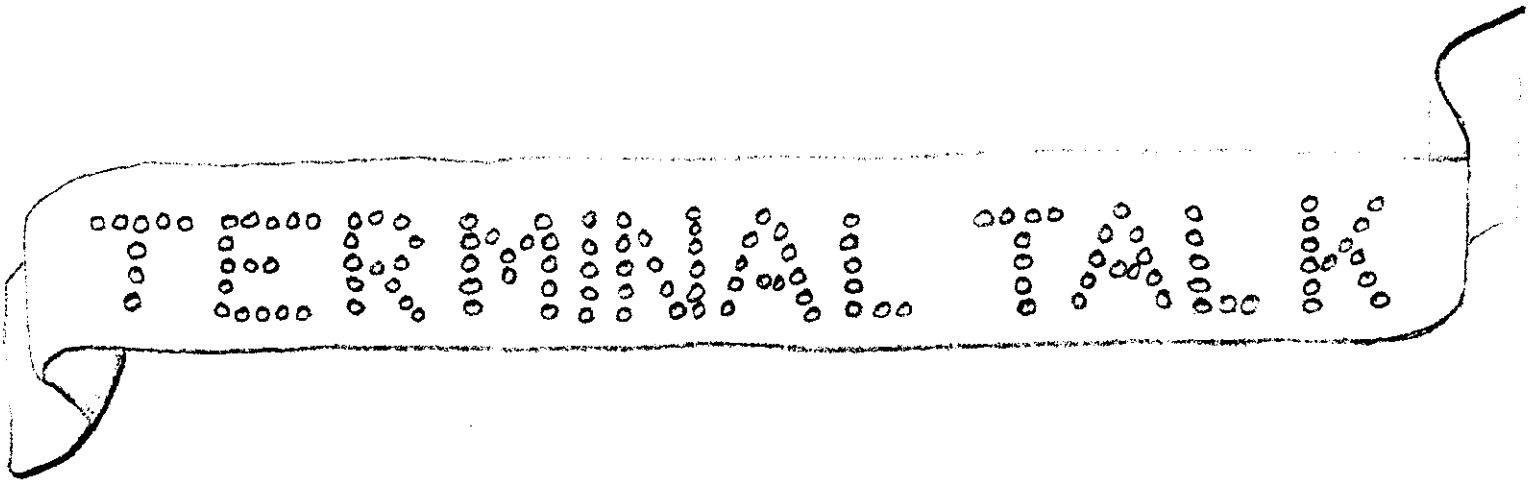
Terminal Talk - The Wofford Connection - August 1970

Wofford College Computer Center



-THE WOFFORD CONNECTION -

Wofford College Computer Center — Spartanburg, South Carolina
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New Programs.

Dr. Dana Quade of UNC-Chapel Hill has added several new programs to the C-A-C library. Among these are:

SAMSIZ***--to calculate the sample size required for t-tests and analysis of variance problems.

MINFUN***--to apply a simplex method for finding the minimum of an arbitrary function of up to 30 variables.

SIGRAN***--to perform Wilcoxon's signed rank procedure given a sample of size 2 to 50 and produces two-sided confidence intervals for population median.

The C-A-C Program Library.

The other side of this issue lists the names of the programs in the Call-A-Computer general library. (The three asterisks have been omitted from each name.) C-A-C has supplied this listing on the theory that you can't use it unless you know it exists. Many of the program names are not informative, but if any appear potentially useful to you, you may investigate further by one or more of the following techniques:

1. Look in the program catalog for documentation.
2. List the program and study comments and print statements.
3. Run the program.

Summer Usage.

One of the COSIP-funded summer research projects involved Dr. Scott and two students, Vaden Blackwood and Alex Stevens. For a portion of this project, automatic data acquisition equipment prepared paper tapes which we brought to the terminal each evening for analysis. The newly-aquired plotter was used for graphic presentation of the results. This project provided by far the greatest part of the summer usage of the Computer Center. They averaged about 30 hours/month at the Terminal.

12PLOT	BIISUB	COMDAT	ESS--$	HDRVEX	MATRIX	PAKMMM	REMCMM	SLOLIM	TRAVRS
21INFO	BINDIS	COMP1D	EVIDAT	HISTGR	MGRAPH	PARCOS	REMRCS	SLOPE$	TREND1
33TTY-	BIRTH4	COMP1X	EXCEPT	HISTOG	MGREXP	PAREXP	REMRMM	SMOOT$	TRIANG
3ANGLE	BIRTH$	COMP2D	EXPAND	HNGMAN	MIXING	PARSEN	REPORT	SMPRTX	TRUINT
ACACI$	BISGRO	COMP2X	EXPARS	HORVR$	MLREGR	PARSIM	RESDAT	SMPSNX	TRUSS$
ACACN$	BITEST	COMP3D	EXPEXP	INDSAM	MLRINF	PARTRC	RK2XXX	SNINTX	TRUTAB
ACQUIS	BLACKI	COMP3X	EXTDRM	INFORM	MOMENT	PCLDXX	RK3DXX	SNOOPY	TRYOUT
ADD+24	BLKJAK	COMPLX	EXTDSM	INFSTA	MOMENX	PLOTD1	RK3SUB	SORDAT	TSTMSG
ADJCMM	BLOCKS	CONBIN	EXTRA1	INSDRM	MORTGE	PLOTD2	RK3XXX	SORTCM	TTYINF
ADJRCM	BONDPR	CONDIF	EXTRA2	INSDSM	MOVAVG	PLOTER	RKINTX	SORTER	TUTINF
ADJRMM	BONDYD	CONHDX	EXTRAK	INSRCS	MPLEXP	PLOTIT	RKPBDX	SORTRM	TUTOR1
AMPBX$	BRANCH	CONLIM	FACEXP	INSURE	MPLOT$	PLOTLX	RKPBXX	SQUARE	TUTOR2
ANATAB	BUSHES	CONLSX	FASTFT	INTCMM	MTALGD	PLOTTO	ROADWY	SSOUTM	TUTOR3
ANNUIT	CALPLO	CONPLO	FDRVUD	INTRMM	MTALGX	PLOTT$	ROOTER	SSPEIG	TUTOR4
ANOVA1	CAP111	CORRMM	FDRVUX	INVRTR	MULDE$	PLOTXY	SALRUL	STADES	TUTOR5
ANOVA2	CAP222	COVARY	FINATC	IQUEEN	MULFIT	PLOTYZ	SALVO-	START-	TUTOR6
ANPDXX	CAP333	CPMEXP	FINFLO	-CHART	MULREG	POLAR$	SAMDAT	STATIX	TUTOR7
ANPXXX	CAPINV	CPMONE	FINTDX	JOBPER	MUL*24	POLEXP	SAMPLE	STATAN	TUTR51
ARCDI$	CARDAT	CPMONX	FINTXX	LCVSIC	MULTEX	POLFIT	SAMSIZ	STATEX	TUTR52
ARCTAX	CARLII	CPMTWO	FIT4$$	LEASE2	MULTMM	POLFTX	SAVING	STATIS	TUTR53
ARCTND	CAT2$$	CPMTWX	FJSPRO	LGAXS$	MULTRY	POLPLO	SCADI$	STRIKE	TUTR54
ARTEST	CATEXP	CROSSX	FLINE$	LGLIN$	MULTSS	POLREG	SCALG$	SUB-24	TVRINS
ASPHAL	CAT$$$	CSHFLO	FNCTNS	LINALG	NASA1A	POLRTX	SCATER	SUBTAB	TWOPLO
ASSIST	CDATES	CURFIT	FOLLOW	LINCON	NASA2A	POLYCX	SCVSIZ	SUMMRY	TWOWAY
ATRAMM	CFTDIS	CURVX$	FORITP	LINEPR	NASA3A	POLYNO	SDSINF	SUMSOM	U-TEST
ATRBAM	CFTXXX	CURVY$	FORITX	LINEOD	NASA4A	POLYVD	SEASON	SUNSH$	UNIDE$
AXIS$$	CH0192	CUTFL$	FORPLO	LINEOX	NASA5A	POLYVX	SECANT	TANDI$	UNISTA
BANDIT	CH0384	CUVDA$	FORPLT	LINPRO	NASAP1	POSTER	SECOND	TANGLE	UNPAKM
BANNER	CH0768	DANOVA	FSTPOL	LINREG	NASAP2	POSTMD	SEIGEN	TAXRAT	UNPAKR
BASDE$	CH1536	DCDC1$	FUNCNS	LINSAG	NASAP3	POTSHO	SELCMM	TECNIC	UNPFOR
DATNUM	CH3072	DCDC2$	FUNCTN	LINSR$	NASAP4	PPDSDM	SELDAT	TESTUD	UNSDAT
BEMDES	CH6144	DCDCN$	FURN-$	LISDAT	NASAP5	PREMDM	SELRCR	TESTXX	VACOVM
BESIDX	CHAIN-	DEFINE	FUTEXP	LLFAIS	NESEXP	PRODAT	SELRCS	TESTZZ	VALUE$
BESIXX	CHARSW	DESTAT	FUTURE	LOADXX	NESSAM	PROFOL	SELRMM	TICTAC	VARIES
BESJDX	CHECKS	DESTEX	FXXXXX	LPINST	NESSA$	PROJET	SEMSIM	TLUIDX	VERCU$
BESJXX	CHEMIS	DETEDX	GAMDXX	LSEPUR	NICK60	PROTRE	SEVPRO	TLUIXX	VERFIL
BESKDX	CHESUM	DIRNEW	GAMES-	LSOMMD	NICK63	PROUTM	SHAPE$	TNTIDX	WEKDAY
BESKXX	CHIFLO	DISRAT	GAMMAX	LSOMMX	NORDIS	PROVAR	SHERM1	TNTIXX	WELOOP
BESLDX	CHISOX	DIVDAT	GAMXXX	LSTO1X	NTKS2$	PROVEX	SHERM2	TNT2AD	WHATIF
BESLX$	CHXXXX	DOMINO	GCVSIZ	LSTO2X	NTSK1$	PRSMMM	SICIDX	TNT2AX	WSP01$
BESLXX	CIRCLE	DOTAPE	GENDAT	LSTSOR	NUMINT	PTTRV$	SICIXX	TNT2DX	WSP02$
BESYDX	CIRTAN	DVALGD	GLFCLB	LTPART	NUPROD	QDINTX	SIGNUP	TNT2XX	XNORID
BESYXX	CLCIN$	DVALGX	GOLFER	MAKTAB	ONEWAY	QUADRX	SIGRAN	TOWERS	XNORMI
BICONF	CLOAD$	EDIDAT	GOMOKU	MANDDD	ONWARD	RACTRK	SIMEON	TPEXP$	XNORMD
BICOXX	CLPLYD	FIGSR$	GRADES	MANDSD	ORTHPD	RANDAT	SIMEOX	TRACEX	XNORMX
BIIBI2	CLPLYX	E.O.Q.	GROWTH	MARKOW	ORTHPX	RANDDX	SINTSM	TRADI$	SYPLOT
BIIBIN	COARE$	EQUPLO	GUNNER	MATCOR	PACFOR	RANDXX	SINVSS	TRAD2$	YEILDB
BIICHR	COLEX2	ERRDXX	HARDYC	MATEXP	PACKER	REACTO	SIXCUR	TRADA2	YLDEXP
BIIPAG	COLEXP	ERRIND	HDIAG*	MATIND	PACKLS	RECIPE	SIXEXP	TRADAT	ZEROES
BIIPAX	COLINR	ERRINX	HDIAGX	MATINS	PACKRM	REFLX$	SLOIN1	TRANSM	
BIISLE	COLUMM	ERRXXX	HDRVED	MATINX	PACKUS	REGANA	SLOIN2	TRAVR$	