

```

1000 program chtest;
1005 var c:char;
    <$0857> 1010 (*-----*)
1015 function chartest(testchar:char):char;
1020 assemble;
1025 $085a          chrout      .dl $ffd2
1030 $085a 08          php
1035 $085b 78          sei
1040 $085c ad 01 00      lda $01
1045 $085f 8d 8c 08      sta memmap
1050 $0862 a9 37          lda #$37
1055 $0864 8d 01 00      sta $01
1060 $0867 28          plp
1065 $0868 a0 00          ldy #0
1070 $086a b1 2e          lda (stkpoi),y
1075 $086c 20 d2 ff      jsr chrout
1080 $086f a9 0d          lda #$0d
1085 $0871 20 d2 ff      jsr chrout
1090 $0874 ee 2e 00      inc stkpoi
1095 $0877 d0 03          bne setret
1100 $0879 ee 2f 00      inc stkpoi+1
1105 $087c a9 59          setret  lda #'y'
1110 $087e a0 00          ldy #0
1115 $0880 91 2e          sta (stkpoi),y
1120 $0882 08          php
1125 $0883 78          sei
1130 $0884 ad 8c 08      lda memmap
1135 $0887 8d 01 00      sta $01
1140 $088a 28          plp
1145 $088b 60          rts
1150 $088c 00          memmap  .by 0
1155 $088d          .en

pass 2 ok.
-> 0 errors in assembler part <-
1160 (*-----*)
1165 begin
    <$088d> 1170      &pcode+;
1175      &adr+;
1180 <$0892>      writeln('Abacus Super Pascal inline ML test');
$08b6      litw (3)
$08b9      oprc (1)
$08ba      oprc (1)
1185 <$08bb>      writeln('character test: x');
$08ce      litw (3)
$08d1      oprc (1)
$08d2      oprc (1)
1190 <$08d3>      c:=chartest('x');
$08d3      inct (1)
$08d4      litb (2)
$08d6      nop (0)
$08d6      litw (3)
$08d9      oprc (1)
$08da      stob (2)
1195 <$08dc>      if c='y' then
$08dc      lodb (2)
$08de      litb (2)
$08e0      oprc (1)
1200 <$08e1>      writeln('returns y (OK)')

```

```

$08e1 jmpc (3)
$08f4 litw (3)
$08f7 oprc (1)
1205 <$08f8>     else
$08f8 oprc (1)
$08f9 jump (3)
1210 <$08fc>     writeln('returns ',c,' (failed)');
$0906 litw (3)
$0909 oprc (1)
$090a lodb (2)
$090c oprc (1)
$0918 litw (3)
$091b oprc (1)
$091c oprc (1)
1215 <$091d>     &adr-;
1220     &pcode-;
1225 end.

```

compilation complete!

```

statistical summary of "chtest ":
=====
no errors! // no warnings!

```

```

maximum of static levels = 1
maximum of valid identifiers
  incl. predfnd. ident's = 23
at the scope of "chtest "
max. of valid parameters = 1
declarations in detail ...
  div. references = 14
    constants = 4
    variables = 5
  field-identifiers = 0
    procedures = 1
    functions = 1
  parameters-by-name = 0
    total = 25

```

```

prgm-pcode at: $0800...$091e (=$011e)
heap/stack at: $091e...$9000 (=$86e2)

```