

```
1000 program chtest;
1005 var c:char;
1010 (*-----*)
1015 function chartest(testchar:char):char;
1020 assemble;
1025 chrout    .dl $ffd2
1030          php
1035          sei
1040          lda $01
1045          sta memmap
1050          lda #$37
1055          sta $01
1060          plp
1065          ldy #0
1070          lda (stkpoi),y
1075          jsr chrout
1080          lda #$0d
1085          jsr chrout
1090          inc stkpoi
1095          bne setret
1100          inc stkpoi+1
1105 setret    lda #'y'
1110          ldy #0
1115          sta (stkpoi),y
1120          php
1125          sei
1130          lda memmap
1135          sta $01
1140          plp
1145          rts
1150 memmap    .by 0
1155          .en
1160 (*-----*)
1165 begin
1170   &pcode+;
1175   &adr+;
1180   writeln('Abacus Super Pascal inline ML test');
1185   writeln('character test: x');
1190   c:=chartest('x');
1195   if c='y' then
1200     writeln('returns y (OK)')
1205   else
1210     writeln('returns ',c,' (failed)');
1215   &adr-;
1220   &pcode-;
1225 end.
```