

fx-5800P用 プログラム名 HIT AND BLOW	メインルーチン HIT AND BLOW Main ROUTINE "HIT AND BLOW" for fx-5800P by Krtyski © 2013	S1HB345 (N桁の各桁に分解) Sub-ROUTINE "S1HB345" for fx-5800P by Krtyski © 2013	S2HB345 (正解生成) Sub-ROUTINE "S2HB345" for fx-5800P by Krtyski © 2013	S3HB345 (ゲームメイン) Sub-ROUTINE "S3HB345" for fx-5800P by Krtyski © 2013	S4HB345 (判定と結果表示) Sub-ROUTINE "S4HB345" for fx-5800P by Krtyski © 2013
変数: C: 試行回数 D: 正解表示フラグ F: keycode G: 桁数 A: 正解 (G桁数) K: 正解 (G桁目) L: 正解 (G-1桁目) M: 正解 (G-2桁目) I: 正解 (G-3桁目) J: 正解 (G-4桁目) N: 回答 (G桁数) X: 回答 (G桁目) Y: 回答 (G-1桁目) Z: 回答 (G-2桁目) V: 回答 (G-3桁目) W: 回答 (G-4桁目) S: カウンタ T: カウンタ	<pre> 3→G Lbl 0 0→C:0→D:0→E Cls Locate 2,1,"HIT And BLOW" Locate 1,2,G Locate 3,2,"DIGITS &lt;UP:DN&gt;" Locate 2,3,"&lt;EXE&gt; : START" Locate 2,4,"&lt; ? &gt; : ANSWER"  While 1 Do:Getkey→F LpWhile F=0 If F&gt;0 And F&lt;10 Then 1→D Break Else If F=84:Then 4+G-3Int((G+1)÷3)→G Locate 1,2,G Else If F=85:Then 2+G-3Int((G-1)÷3)→G Locate 1,2,G Else If F=47 Then Break IfEnd:IfEnd IfEnd:IfEnd WhileEnd  Prog "S2HB345" Prog "S3HB345" Cls If D=1:Then " YOU GAVE UP" "The ANSWER =" Locate 10,2,A Else Locate 5,1,"YOU WIN" Locate 3,2,"IN" Locate 6,2,C Locate 8+Int(log(C)),2,"TRIES" IfEnd Locate 1,3," &lt;AC&gt; : QUIT" Locate 1,4,"&lt;EXE&gt; : TRY AGAIN" While Getkey≠47 WhileEnd While Getkey WhileEnd  Goto 0           </pre>	<pre> If G=3:Then Int(N÷100)→X Int((N-100X)÷10)→Y N-100X-10Y→Z If X=Y Or Y=Z Or Z=X Then 1→E : IfEnd  Else If G=4:Then Int(N÷1000)→X Int((N-1000X)÷100)→Y Int((N-1000X-100Y)÷10)→Z N-1000X-100Y-10Z→V If X=Y Or Y=Z Or Z=V Or V=X Then 1→E : IfEnd  Else If G=5:Then Int(N÷10000)→X Int((N-10000X)÷1000)→Y Int((N-10000X-1000Y)÷100)→Z Int((N-10000X-1000Y-100Z)÷10)→V N-10000X-1000Y-100Z-10V→W If X=Y Or Y=Z Or Z=V Or V=W Or W=X Then 1→E : IfEnd IfEnd:IfEnd IfEnd           </pre>	<pre> RanInt#(0,9)→K Do RanInt#(0,9)→L LpWhile L=K Do RanInt#(0,9)→M LpWhile M=K Or M=L If G=3:Then 100K+10L+M→A Goto 1:IfEnd Do RanInt#(0,9)→I If G=4:Then 1000K+100L+10M+I→A Goto 1:IfEnd Do RanInt#(0,9)→J LpWhile J=K Or J=L Or J=M Or J= If G=5:Then 10000K+1000L+100M+10I+J→A Goto 1:IfEnd Lbl 1 If D=1: Then Locate 1,4," "ANSWER = " Locate 10,1,A IfEnd           </pre>	<pre> Do 0→E:Isz C Lbl 0 Cls Locate 12,1,":" Locate 13,1,C If G=3:Then "3 DIGITS"→N Else If G=4 Then "4 DIGITS"→N Else If G=5 Then "5 DIGITS"→N IfEnd:IfEnd IfEnd:IfEnd If Int(log(N))+1&gt;G Then Locate 12,2,"ERROR" Locate 6,3,"EXTRA DIGIT" Goto 0:IfEnd Prog "S1HB345" If E=1:Then Locate 12,2,"ERROR" If D=1:Then Locate 5,3,"SAME NUMBERS" Locate 2,4,"FOUND IN DIGITS" 0→E:Goto 0 IfEnd IfEnd Prog "S4HB345" If D=1:Then Break:IfEnd LpWhile H≠G Return           </pre>	<pre> 10→DimZ 0→H:0→B:0→D X→Z[1]:Y→Z[2] Z→Z[3]:V→Z[4] W→Z[5]:K→Z[6] L→Z[7]:M→Z[8] I→Z[9]:J→Z[10] For 1→S To G If Z[S] = Z[S+5] Then Isz H IfEnd:Next For 1→S To G For 1→T To G If Z[S] = Z[T+5] Then Isz B IfEnd:Next:Next Locate 1,4," " Locate 1,3,H Locate 3,3,"HIT" Locate 1,4,B-H Locate 3,4,"BLOW" Locate 12,4,"&lt;EXE&gt;" If H≠G And C&gt;10 Then Locate 12,3,"QUIT?" Locate 12,4,"&lt;DEL&gt;" IfEnd If H=G:Then If C&gt;10:Then Locate 13,3,"GOOD" Else Locate 8,3,"EXCELLENT" IfEnd:IfEnd Do Getkey→F If F=34:Then 1→D:Break:IfEnd LpWhile F≠47           </pre>