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; Attributes: bp-based frame
; int __cdecl main(int argc, const char **argv, const char **envp)
main proc near
    ; byte ptr -1120h
    ; byte ptr -1020h
    var_14= dword ptr -14h
    var_10= dword ptr -10h
    var_C= dword ptr -8h
    var_8= dword ptr -8
    var_4= dword ptr -4

    push    rbp
    mov     rbp, rsp
    sub    rbp, 1120h
    lea    rax, [rbp+buf]
    mov    esi, 1000h      ; size
    mov    rdi, rax        ; buf
    call   _getcwd
    lea    rax, [rbp+buf]
    mov    rdi, rax        ; s
    call   _strlens
    mov    [rbp+var_10], eax
    mov    [rbp+var_4], 0
    jmp    loc_56283EFC0820

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loc_56283EFC0820:
    mov    eax, [rbp+var_4]
    cmp    eax, [rbp+var_14]
    jle    loc_56283EFC0777

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loc_56283EFC0777:
    lea    rdi, s          ; "Hi Scooby !!\nWhere are you??"
    call   _puts
    lea    rax, [rbp+s]
    mov    rsi, rax
    mov    eax, 0
    lea    rdi, a$           ; "%S"
    mov    eax, 0
    call   __isoc99_scanf
    lea    rax, [rbp+s]
    mov    rdi, rax        ; s
    call   _strlens
    mov    [rbp+var_14], eax
    mov    [rbp+var_8], 0
    mov    [rbp+var_C], 0
    jmp    short loc_56283EFC08A2

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loc_56283EFC0777:
    mov    eax, [rbp+var_4]
    cdqe
    movzx eax, [rbp+rax+buf]
    cmp    al, 2Fh          ; '/'
    jnz    short loc_56283EFC079A

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loc_56283EFC079A:
    mov    eax, [rbp+var_4]
    cdqe
    movzx eax, [rbp+rax+buf]
    cmp    al, 60h          ; '0'
    jle    short loc_56283EFC07DC

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loc_56283EFC07DC:
    mov    eax, [rbp+var_4]
    cdqe
    movzx eax, [rbp+rax+buf]
    cmp    al, 40h          ; '@'
    jle    short loc_56283EFC081C

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loc_56283EFC081C:
    mov    eax, [rbp+var_4]
    cdqe
    movzx eax, [rbp+rax+buf]
    cmp    al, 5Ah          ; 'Z'
    jg    short loc_56283EFC081C

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loc_56283EFC081C:
    mov    eax, [rbp+var_4]
    cdqe
    movzx eax, [rbp+rax+buf]
    sub    eax, 1Eh
    mov    edx, eax
    mov    eax, [rbp+var_4]
    cdqe
    mov    [rbp+rax+buf], dl
    jmp    short loc_56283EFC081C

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loc_56283EFC081C:
    add    [rbp+var_4], 1
    lea    rdi, aYouWonAMedalSc ; "\nYou won a medal Scooby !!!"
    call   _puts
    jmp    short loc_56283EFC08D2

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loc_56283EFC08A2:
    mov    eax, [rbp+var_8]
    cmp    eax, [rbp+var_14]
    jge    short loc_56283EFC08B2

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loc_56283EFC0875:
    mov    eax, [rbp+var_8]
    cmp    eax, [rbp+var_10]
    jle    short loc_56283EFC0875

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loc_56283EFC0875:
    mov    eax, [rbp+var_8]
    cdqe
    movzx edx, [rbp+rax+buf]
    mov    eax, [rbp+var_8]
    cdqe
    movzx eax, [rbp+rax+s]
    cmp    dl, al
    jnz    short loc_56283EFC0899

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loc_56283EFC0899:
    mov    [rbp+var_C], 0FFFFFFFh
    jmp    short loc_56283EFC08B2

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loc_56283EFC08B2:
    cmp    [rbp+var_C], 0
    jnz    short loc_56283EFC08C6

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add    [rbp+var_8], 1
jmp    short loc_56283EFC08A2

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loc_56283EFC08C6:
    lea    rdi, aScoobyDoobieDo ; "\nScooby Doobie Doo!! Not too easy"
    call   _puts

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loc_56283EFC08D2:
    mov    eax, 0
    leave
    retn
    main endp

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