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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Operators and Directives** | Include  irvine32.inc  .data  .code  type  sizeof  lengthof  ptr  dup | | | | | | offset  proc  endp  end  equ  uses  ret  exit | | |
| **Registers** | eax  ebx  ecx  edx | | ax  bx  cx  dx | | | | ah  bh  ch  dh | | al  bl  cl  dl |
| esp  ebp  esi | |  | | edi  eip | | | | |
| **Data Types** | byte  sbyte  word  sword  dword  sdword | | | | | | | | |
| **Irvine32 Library** | crlf  readchar  readdec  readstring  reading | | | writechar  writedec  writestring  writeint  dumpregs | | | | | |
| **Instructions** | Pushad  popad  pushfd  popfd  push  pop  cbw cwd  cdq  cld  std  stc  clc  call  neg  inc  and | or  dec  mul  imul  div  idiv  add  sub  sbb  acd  xchg  test  cmp  loop  jmp  je  jz | | | | jne  jnz  ja  jnbe  jg  jnle  jae  jnb  jge  jnl  jb  jnae  jl  jnge  jbe  jna  jle | | jng  jc  jnc  shl  shr  sal  sar  rol  ror  rcl  rcr  mov  movsx  movzx  xor | |