SWI I/O operations (0x00 - 0xFF)

Opcode	Description and Action	Inputs	Outputs	EQU
swi 0x00	Display Character on Stdout	r0: the character		SWI_PrChr
swi 0x02	Display String on Stdout	r0: address of a null terminated ASCII string	(see also 0x69 below)	
swi 0x11	Halt Execution			SWI_Exit
swi 0x12	Allocate Block of Memory on Heap	r0: block size in bytes	r0:address of block	SWI_MeAlloc
swi 0x13	Deallocate All Heap Blocks			SWI_DAlloc
swi 0x66	Open File (mode values in r1 are: 0 for input, 1 for output, 2 for appending)	r0: file name, i.e. address of a null terminated ASCII string containing the name r1: mode	r0:file handle If the file does not open, a result of -1 is returned	SWI_Open
swi 0x68	Close File	r0: file handle		SWI_Close
swi 0x69	Write String to a File or to Stdout	r0: file handleor Stdout r1: address of a null terminated ASCII string		SWI_PrStr
swi 0x6a	Read String from a File	r0: file handle r1: destination address r2: max bytes to store	r0: number of bytes stored	SWI_RdStr
swi 0x6b	Write Integer to a File	r0: file handle r1: integer		SWI_PrInt
swi 0x6c	Read Integer from a File	r0: file handle	r0: the integer	SWI_RdInt
swi 0x6d	Get the current time (ticks)		r0: the number of ticks (milliseconds)	SWI_Timer