

Answer to the question: 1

The purpose of segment register is to pointing at accessible block. There are CS, DS, ES, SS segment register. Although it is possible to store data in segment register, but not wise to store data in segment register as while in process segment pointing register might corrupt stored data.

Answer to the question: 2

There are 4 register to store data. those are AX, BX, CX, DX.

AX - Accumulator register.

BX - Base ^{address} register - used to store offset value

CX - count register - used in loop

DX - Data register - used in multiplication and input/output port address.

These register has two separate 8 bit register, High and low

For example AX = AH + AL. Two 8 bit register makes 16 bit