Self-Check for Lecture#6

Solutions are posted

1. What is the purpose of a breakpoint during a program debugging session?

2. Which function key is used to execute a library procedure, without going into the details of the procedure?
   F ______

3. When execution is paused at a breakpoint, which function key is used to continue execution to the next breakpoint (or to the end of the program if no more breakpoints exist)?
   F ______

4. The MASM assembler is used for locating __________ errors, but the debugging system is used for locating __________ errors.

5. Convert decimal 2345
   a. binary __________________________
   b. hexadecimal ______________________

6. Convert decimal \(-2345\)
   a. 16-bit binary ______________________
   b. 4-digit hexadecimal __________________

7. Convert \(0x1CE9\)
   a. binary __________________________
   b. decimal __________________________

8. Convert signed integer \(0xACE9\)
   a. binary __________________________
   b. decimal __________________________
9. Convert unsigned integer 0xACE9
   
   a. binary
      __________________________
   
   b. decimal
      __________________________

10. Use an ASCII character table and the following MASM data segment declaration:
    
    .data
    course  BYTE    "MASM 271", 0
    
    What values would be stored in the memory bytes starting at course? Show your answers in hexadecimal.
    
    _____ _____ _____ _____ _____ _____ _____ _____ _____ _____