1. True or False? Secondary memory typically has a much greater storage capacity than primary memory.

**Answer:** True.

1. True or False? Word processors translate programs to executable form.

**Answer:** False. Compilers translate programs to machine language; word processors are application software.

1. A \_\_\_\_\_\_\_\_\_\_\_ consists of 8 adjacent bits.

**Answer:** Byte

1. The \_\_\_\_\_\_\_\_\_\_\_ does the work of the computer.

**Answer:** CPU (central processing unit)

1. Spreadsheets are examples of \_\_\_\_\_\_\_\_\_\_\_ software.

**Answer:** Application

* ASCII and Unicode are two ways to represent characters when a computer processes letters, digits and symbols. Java uses Unicode.

1. RAM is random access memory.
2. A bit is a single binary digit, 1 or 0.
3. A byte is a sequence of 8 bits.
4. Hardware is the physical components of a computer, whereas software is the programs that use the hardware in order to operate.
5. Unicode is the encoding scheme that Java uses in which each character is represented by a pattern of 16 bits. ASCII uses 8 bits (or a byte).
6. A bytes location in the memory is called address
7. Whats difference between unicode and ACSII
8. Name any 4 of primitive data type
9. A(n) \_\_\_\_\_\_\_\_\_\_\_ defines data resources and behavior for a set of objects.

**Answer:** Class

1. A(n) \_\_\_\_\_\_\_\_\_\_\_ is a rule of behavior.

**Answer:** Method

Conver 125 to binary , hex,

Convert binary 1110011 to decimal

Convert 45B hex number to a decimal number

1. Byte code is the code to which a Java source program translates during compilation. The JVM executes the byte code by interpreting its instructions.

A variable is a name of a storage location in computer memory.

1. The assignment operator causes a value to be stored in a variable.

A Scanner object receives messages to input data from a human user

What is the difference between print and println?

Please explain what is the output after execute the code below code

Scanner reader = new Scanner(System.in);

System.out.print("Enter your age: ");

double age = reader.nextDouble();

System.out.print("Your age is ");

System.out.println(age);

1. The message \_\_\_\_\_\_\_\_\_\_ is used to send output to the terminal window.

**Answer:** println

1. Symbols that refer to values that can change are called \_\_\_\_\_\_.

A. variables

B. methods

**Answer:** A

1. The \_\_\_\_\_\_ operator indicates division.

**Answer:** /

1. True or False? The Scanner class is used to create an object that can read input from the keyboard.

**Answer:** True