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ASSSINGMENT-1

Ans 1 – Computer is an electronic device which is made of electronic components such as

capacitors, transistors etc. They are in basically two states on or off i.e. 1 or 0 which is an

binary digit.

Ans 2 – Full form of IDE is Integrated Development Environment.

Ans 3 – A Text editor is an software application which is used to perform tasks like creating, editing

and formatting of plain text.

Code Editor is made with some advance features such as syntax-

highlighting, code completion and debugging tools. The main purpose of code editor is to

perform task related to our Codes.

Ans 4 – There are Nine steps to Develop software using C Language?

1. Define the problem.
2. Design the Solutions.
3. Write The Code
4. Compiler the Code.
5. Test the Code.
6. Debug the Code.
7. Refine the Code.
8. Document the Code.
9. Deploy the Code.

Ans 5

1. The latest version of C Programming is C17, also known as ISO/IEC 9899:2018.
2. C Language is Developed by Dennis Ritchie.
3. The main difference between System and Application Software is that system software provides a foundation for other software to run on, while application software is designed to perform specific tasks or functions for the users.
4. There are few steps to convert how to convert decimal number system to binary number system
5. Divide the decimal number with 2.
6. Divide the quotient obtained in step 1 by 2, and note down the quotient and reminder.
7. Repeat step 2 until the quotient becomes 0.
8. The binary number is obtained by writing the reminders in reverse order .