

# CS101

## Final paper

- 1) A proxy server is a software that have the goal of shielding the client from adverse actions of the server.
- 2) The message that is revealed is guaranteed to be authentic
- 3) In Algorithm Execution of human mind including, imagination, creativity, and decision making, is actually the result of algorithm execution.
- 4) In the Example of story and a book, the story is conceptual, and book is physical representation.
- 5) programs, algorithms, and processes are distinct
- 6) A collection of primitives along with a collection of rules stating how the primitives can be combined to represent more complex ideas constitutes a programming language.
- 7) our pseudocode to describe activities that can be used as abstract tools in other applications.
- 8) stepwise refinement proposes that these steps be decomposed into smaller steps.
- 9) in (TargetValue == TestEntry): == represent Equal Operator
- 10) The repetitive use of an instruction or sequence of instructions is an important algorithmic concept and such repetition is called the loop

- 11) the termination condition is the **negation** of the condition appearing in the while structure.
- 12) Our situation is analogous to the problem of sorting a list whose entries are recorded on **separate index cards** spread out on a crowded desktop.
- 13) **Recursive** structures provide an alternative to the loop paradigm for implementing the repetition of activities.
- 14) In Binary Search Algorithm, the implementation of this repetition is significantly **different**.
- 15) The illusion created by the execution of a recursive function is the existence of **multiple copies** of the function, each of which is called an activation of the function.
- 16) a recursive function is designed to test for the **termination condition** is often the base case.
- 17) In the sequential search algorithm, It starts at **the beginning of the list and compares the entries found to the identification number desired.**
- 18) **In** the binary search proceeds by comparing the target value to the **middle entry** in the list.
- 19) Which Language known as second-generation languages?? **assembly language**.
- 20) a program written in an assembly language is inherently **machine dependent**.
- 21) third-generation programming languages was to identify a collection of **high-level primitives** in which software could be developed.
- 22) A translator was **similar** to the second-generation assemblers.
- 23) third-generation language is **Independent**
- 24) early declarative programming languages tended to be **special-purpose** in nature.
- 25) the programming process under the **functional paradigm** is that of building functions as nested complexes of simpler functions.
- 26) imperative program consists of **multiple statements**,
- 27) which is capable of performing the actions that are immediately related to itself as well as requesting actions of other objects is in the **Object Oriented Paradigm**

- 28) In the traditional **imperative paradigm**, this list would merely be a collection of data.
- 29) the type **integer** refers to numeric data consisting of whole numbers
- 30) the array, which is a block of **elements of the same type**.
- 31) **Structure iterates** a set of instructions based on the provided condition.
- 32) When only one CPU is available, the illusion of parallel processing is obtained by allowing the **activations to share the time of the single processor**.
- 33) interface design systems which assist in **the development of GUIs**
- 34) In a programmer, **person involved primarily with the implementation step**.
- 35) rational unified process (RUP) is the significant example of **iterative techniques**
- 36) iterative models, in which incomplete versions of the proposed system, called **prototypes**
- 37) **modularity** is a way of producing manageable software.
- 38) **A design** pattern is a pre-developed model for solving a recurring problem.
- 39) **ISO, IEEE, and ACM** in improving professionalism and establishing standards for assessing quality control within software development companies.
- 40) One drawback to the use of patents is that the process to obtain a patent is **expensive and time-consuming**, often involving several years.
- 41) This LIFO characteristic means storing items that must be retrieved in **the reverse order from which they were stored**
- 42) A **pointer** is a storage area that contains such an encoded address.
- 43) flat file, is a **one-dimensional** storage system
- 44) the entire **application layer** consists of clients throughout the Internet and a server that uses the database to fill the requests from the clients.
- 45) Relational database model portrays data as being stored in **rectangular tables**
- 46) A pivotal step in designing a **relational database** is to design the relations making up the database.

- 47) One is a lack of efficiency due to **redundancy**.
- 48) data can be organized in terms of the **relational** model
- 49) the PROJECT operation extracts **columns**.
- 50) In A.  $W < B.X$ , \_\_\_\_\_ **A is less than attribute X in relation B.**
- 51) database model is based on the **object-oriented** paradigm.
- 52) The problem known as the incorrect summary problem can arise if one transaction is in the middle of transferring funds from one account to another when **another transaction tries to compute the total deposits in the bank.**
- 53) Which would be used to find proper- ties that distinguish customers who shop for used cars from those who shop for new ones? **class discrimination**
- 54) another form of data mining is **association analysis**, which involves looking for links between data groups.
- 55) Learning **declarative knowledge** usually takes the form of expanding or altering the “facts” in an agent’s store of knowledge.
- 56) **Video Privacy Protection Act Prevents** wrongful disclosure of an individual's personally identifiable information stemming from their rental or purchase of audiovisual material.
- 57) Content filters are often part of **Internet firewalls**.
- 58) The Mini Toolbar appears automatically whenever **you select text and contains common text.**
- 59) n the Paragraph group, click the down arrow next to the Bullets button **The Bullet Library appears.**
- 60) Some styles even include **borders and shading**.
- 61) Tooltip indicates the **current** theme.
- 62) The Left and right Indent is **0cm,0cm**
- 63) Splits the current window into **two parts**.
- 64) **In which** types of queries WHERE clause is used??? **Select and Update**

65) web page documents have the file extension **.html or .htm.**

66) **<body>** represents the content of the page

67) **Live view** is not editable.

68) Examples of sensors include **microphones, cameras**

69) **||** is used for **OR Operator**

70) It is important to emphasize the **distinction** between an algorithm and its representation

**5 to 6 MCQs from MS Excel formulas and 3 to 4 from MS Access**

**Baki yad nai**