

Text and Binary file

Fill in the blanks and MCQs

<p>1. A collection of bytes stored in computer's secondary memory is known as _____.</p> <p>2. _____ is a process of storing data into files and allows to performs various tasks such as read, write, append, search and modify in files.</p> <p>3. The transfer of data from program to memory (RAM) to permanent storage device (hard disk) and vice versa are known as _____.</p> <p>4. A _____ is a file that stores data in a specific format on secondary storage devices.</p> <p>5. In _____ files each line terminates with EOL or '\n' or carriage return, or '\r\n'.</p> <p>6. To open file data.txt for reading, open function will be written as f = _____.</p> <p>7. To open file data.txt for writing, open function will be written as f = _____.</p> <p>8. In f=open("data.txt","w"), f refers to _____.</p> <p>9. To close file in a program _____ function is used.</p> <p>10. A _____ function reads first 15 characters of file.</p> <p>11. A _____ function reads most n bytes and returns the read bytes in the form of a string.</p> <p>12. A _____ function reads all lines from the file.</p> <p>13. A _____ function requires a string (File_Path) as parameter to write in the file.</p> <p>14. A _____ function requires a sequence of lines, lists, tuples etc. to write data into file.</p> <p>15. To add data into an existing file _____ mode is used.</p> <p>16. A _____ function is used to write contents of buffer onto storage.</p> <p>17. A text file stores data in _____ or _____ form.</p> <p>18. A _____ is plain text file which contains list of data in tabular form.</p> <p>19. You can create a file using _____ function in python.</p> <p>20. A _____ symbol is used to perform reading as well as writing on files in python</p>	<ol style="list-style-type: none"> 1. File 2. File Handling 3. I/O Operations 4. Data file 5. Text File 6. open("data.txt","r") 7. open("data.txt","w") 8. File handle or File Object 9. close 10. read(15) 11. readline() 12. readlines() 13. write() 14. writelines() 15. append 16. flush() 17. ASCII, UNICODE 18. CSV 19. open() 20. + <p>[1] The _____ files are used to store large data such as images, video files, audio files etc. Ans → Binary</p> <p>[2] The process of converting the structure to a byte stream before writing to the file is known as _____.Ans → Pickling</p> <p>[3] The process of converting byte stream back to the original structure is known as _____. Ans→ Unpickling</p> <p>[4]A _____ module is used to store data into an python objects with their structure.Ans→ pickle</p> <p>[5]A _____ function of pickle module is used to write data into binary as well as a _____ function of pickle module is used to read data from binary file. Ans→ dump(), load()</p> <p>[6]The _____ file mode is used to handle binary file for reading. Ans→ rb</p> <p>[7] The _____ file mode is used when user want to write data into binary file. Ans→ wb</p> <p>[8] A ab file mode is used to _____ in binary file format. Ans→ appending</p>
<p>1 Every file has its own identity associated with it. Which is known as –</p> <p>a. icon b. extension c. format d. file type</p>	<p>6. Which of the following file types can be opened with notepad as well as ms excel?</p> <p>a. Text Files b. Binary Files c. CSV Files d. None of these</p>

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<p>2 Which of the following is not a known file type? a. .pdf b. jpg c. mp3 d. txp</p> <p>3. In f=open("data.txt", "r"), r refers to _____. a. File handle b. File object c. File Mode d Buffer</p> <p>4. EOL stands for a. End Of Line b. End Of List c. End of Lines d. End Of Location</p> <p>5. Which of the following file types allows to store large data files in the computer memory? a. Text Files b. Binary Files c. CSV Files d. None of these</p>	<p>7. Which of the following is nor a proper file access mode? a. close b. read c. write d. append</p> <p>8. To read 4th line from text file, which of the following statement is true? a. dt = f.readlines(); print(dt[3]) b. dt=f.read(4) ; print(dt[3]) c. dt=f.readline(4); print(dt[3]) d. All of these</p> <p>9 Which of the following function flushes the files implicitly? a. flush() b. close() c. open() d. fflush()</p> <p>10. Which of the following functions flushes the data before closing the file? a. flush() b. close() c. open() d. fflush()</p>
<p>[1] Which of the following is not a correct statement for binary files? a) Easy for carrying data into buffer b) Much faster than other file systems c) Characters translation is not required d) Every line ends with new line character '\n'</p> <p>[2] Which of the following file mode open a file for reading and writing both in the binary file? a) r b) rb c) rb+ d) rwb</p> <p>[3] Which of the following file mode opens a file for reading and writing both as well as overwrite the existing file if the file exists otherwise creates a new file? a) w b) wb+ c) wb d) rwb</p> <p>[4] Which of the following file mode opens a file for append or read a binary file and moves the files pointer at the end of the file if the file already exist otherwise create a new file? a) a b) ab c) ab+ d) a+</p>	<p>[5] Ms. Suman is working on a binary file and wants to write data from a list to a binary file. Consider list object as d1, binary file suman_list.dat, and file object as f. Which of the following can be the correct statement for her? a) f = open('sum_list','wb'); pickle.dump(d1,f) b) f = open('sum_list','rb'); d1=pickle.dump(f) c) f = open('sum_list','wb'); pickle.load(d1,f) d) f = open('sum_list','rb'); d1=pickle.load(f)</p> <p>[6] Which option will be correct for reading file for suman from q-5? → Option d) f = open('sum_list','rb'); d1=pickle.load(f)</p> <p>[7] In which of the file mode existing data will be intact in binary file? a) ab b) a c) w d) wb</p> <p>[8] Which one of the following is correct statement? a) import – pickle b) pickle import c) import pickle d) All of the above</p>
<p>Text Files It is capable to handle textual data. It consists of series of lines of a set of letters, numbers or symbols (String) Any text editors like notepad can be used to read them. Every line ends with EOL.</p> <p>Binary Files It is capable to handle large file. It consists of data with a specific pattern without any delimiter. No specific programs can be used to read them, python provides functions to read data. There is no specific EOL character.</p> <p>CSV Files It is very common format and platform independent. It consists of plain text with a list of data with a delimiter. It can be read using text editors like notepads and spreadsheet software. It terminates a line automatically when the delimiter is not used after data.</p>	