

python assignment 2

Q1: (1) How RE are play an important role in pattern matching.

(2) Write python code to check whether phone number found in given string without RE & with RE.

(3) How RegEX objects can be created

(4) Explain how search() of RegEX object searches the matched string.

(5) How multiple group can be matched in python using | (pipe) symbol. explain with 2 ex

Q2: (6) How matching of pattern can be done using ?, *, + explain with 2 example for each

(7) What is greedy & non greedy matching with example

(8) How findall() is different from search() explain with example.

(9) What are shorthand characters class. explain with example.

(10) How we can create own character class explain with example.

Q3: (11) Write steps for email address & extraction of phone numbers.

(12) What are files & filepaths. How path symbols are different in windows, OSX, Linux.

(13) What are absolute & relative paths. explain how directory are created in python.

(14) explain how files can be created, Read, write in python.

(15) ^{explain how.} Rename files & with American-style dates to European-style date

Q4:- (16) How ~~are~~ Exceptions can be raised using keyword raise(). With example

(17) What are assertions. How to disable assertions. Explain with example

(18) What is logging, explain with example.

(19) What are classes & objects. explain with example program.

(20) What are IDLE's debugger. explain all modules of IDLE's debugger.