**Python – Assignment 6**

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| 1 | What are escape characters, and how do you use them? |
|  | These are special characters, carrying a specific meaning that can not be directly typed or written in practice. For example, \n, \r, \t |
| 2 | What do the escape characters n and t stand for? |
|  | \n : New line  \t : Tab space |
| 3 | What is the way to include backslash characters in a string? |
|  | \\ |
| 4 | The string "Howl's Moving Castle" is a correct value. Why isn't the single quote character in the word Howl's not escaped a problem? |
|  | It is not escaped because we are using double-quotes symbol (“) to denote the string value. If the string was denoted using single quote (‘) then it would been an issue. |
| 5 | How do you write a string of newlines if you don't want to use the n character? |
|  | Using multi-line strings (used with 3 quotes). For example,  “”” Hello this is a  Multi-line string “”” |
| 6 | What are the values of the given expressions?  'Hello, world!'[1]  'Hello, world!'[0:5]  'Hello, world!'[:5]  'Hello, world!'[3:] |
|  | ‘e’  ‘Hello’  ‘Hello’  ‘lo, world!’ |
| 7 | What are the values of the following expressions?  'Hello'.upper()  'Hello'.upper().isupper()  'Hello'.upper().lower() |
|  | ‘HELLO’  True  ‘Hello’ |
| 8 | What are the values of the following expressions?  'Remember, remember, the fifth of July.'.split()  '-'.join('There can only one.'.split()) |
|  | [‘Remember,’, ‘remember,’, ‘the’, ‘fifth’, ‘of’, ‘July’]  There-can-only-one |
| 9 | What are the methods for right-justifying, left-justifying, and centering a string? |
|  | Functions are rjust(), ljust() and center() |
| 10 | What is the best way to remove whitespace characters from the start or end? |
|  | Using strip() function removes white spaces from both ends.  lstrip() – for removing from start  rstrip() – for removing from end |