

In []:

Assignment No 6

In [1]: 1. What are escape characters, and how do you use them?

Answer :-

In Python strings, the backslash "\" is a special character, also called t
It is used in representing certain whitespace characters: "\t" is a tab, "
and "\r" is a carriage return

```
print("my \  
name \  
is")
```

my name is

In []: 2. What do the escape characters n and t stand for?

Answer :-

"\t" is a tab, "\n" is a newline

In [2]: 3. What is the way to include backslash characters in a string?

Answer :-

its a back slash \ in a line

In [8]: 4. The string "Howl's Moving Castle" is a correct value. why isn't the single qu

Answer :- The single quote in Howl's is fine because you've used double quotes
like wise we can use double quotes in with single quotes

```
print("HowI's Moving Castle")
```

HowI's Moving Castle

In [9]: # like wise we can use double quote in side single quote

Its a "Nice" Day

In [10]: 5. How do you write a string of newlines if you don't want to use the n charac

Answer :-

```
print("printing something in new line",end = '\n')  
print("newline")
```

printing something in new line
newline

In [11]: 6. What are the values of the given expressions?

```
'Hello, world!'[1]  
'Hello, world!'[0:5]  
'Hello, world!':[5]  
'Hello, world!'[3:]
```

Answer :-

```
'Hello, world!'[1]
```

Out[11]: 'e'

In [12]:

Out[12]: 'Hello'

In [13]:

Out[13]: 'Hello'

In [14]:

Out[14]: 'lo, world!'

In [22]:

7. What are the values of the following expressions?

```
'Hello'.upper()
'Hello'.upper().isupper()
'Hello'.upper().lower()
Answer :-
```

Out[22]: 'HELLO'

In [23]:

Out[23]: True

In [24]:

Out[24]: 'hello'

In [15]:

8. What are the values of the following expressions?

```
'Remember, remember, the fifth of July.'.split()
'-' .join('There can only one.'.split())
Answer:-
```

Out[15]: ['Remember,', 'remember,', 'the', 'fifth', 'of', 'July.']

In [16]:

Out[16]: 'There-can-only-one.'

In [17]:

9. What are the methods **for** right-justifying, left-justifying, **and** centering a
Answer :-
left justified
`str = "Shiva"`
`str.ljust(10, "-")`

Out[17]: 'Shiva-----'

In [18]:

```
# right justified
str = "My name is"
```

Out[18]: '*****My name is'

In [19]:

```
# center justified
str = "My name is"
```

```
Out[19]: '*****My name is*****'
```

```
In [20]: 10. What is the best way to remove whitespace characters from the start or end
Answer :-
str = " gfgfgfgfgfgfgf yuyuyuuyuy "
str.lstrip()
```

```
Out[20]: 'gfgfgfgfgfgfgf yuyuyuuyuy '
```

```
In [21]: str = " yytytytyt mmamamam "
str.rstrip()
```

```
Out[21]: ' yytytytyt mmamamam'
```

```
In [ ]:
```