Saylani

Certified Python Programming

Assignment No. 1

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Question No. 1

Write a Python program to print the following string in a specific format(see the output).

Twinkle, twinkle, little star,
	How I wonder what you are!
		Up above the world so high,
		Like a diamond in the sky.
Twinkle, twinkle, little star,
	How I wonder what you are

Solution

```python
#!/usr/bin/env python
# coding: utf-8

print("Twinkle, twinkle, little star,")
print("\tHow I wonder what you are!")
print("\t\tUp above the world so high,\n\t\tLike a diamond in the sky.")
print("Twinkle, twinkle, little star,")
print("\tHow I wonder what you are")
```

Question No. 2

Write a Python program to get the Python version you are using.

Solution

```python
#!/usr/bin/env python
# coding: utf-8

import sys
print(sys.version)
```

Question No. 3

Write a Python program to display the current date and time.

Solution

```python
#!/usr/bin/env python
# coding: utf-8

import datetime
current_ts = datetime.datetime.now()
print("Current Date & Time is:",current_ts)
```

Question No. 4

Write a Python program which accepts the radius of a circle from the user and compute the area.

Solution

```python
#!/usr/bin/env python
# coding: utf-8

pi = 3.14159
radius = float(input('Enter Radius:'))
area = pi*(pow(radius,2))
print("Area of the circle is :",area)
```

Question No. 5

Write a Python program which accepts the user's first and last name and print them in reverse order with a space between them.

Solution

```python
#!/usr/bin/env python
# coding: utf-8

first_name = input('Enter first name:')
last_name = input('Enter last name:')
print(last_name+' '+first_name)
```

Question No. 6

Write a python program which takes two inputs from user and print them addition

Solution

```python
#!/usr/bin/env python
# coding: utf-8

first_no = int(input('Enter 1st Number :'))
second_no = int(input('Enter 2nd Number :'))
print(first_no+second_no)
```