exam

April 7, 2022

1 Python Test

Use the "Run" button to execute the code.

[ ]:
```
!pip install jovian --upgrade --quiet
```

[ ]:
```
import jovian
```

[ ]:
```
# Execute this to save new versions of the notebook
jovian.commit(project="exam")
```

1.0.1 Q.2) Write code to find the average of 'n' numbers entered by the user to function avg ( ). Ex: avg (10, 20, 30, 40) => average is: 70 avg (5, 10, 15) => average is: 10

[26]:
```
def avg (*h):
    avg=sum(h)/len(h)
    print(avg)
avg(5,10,15)
```

```
10.0
```

1.0.2 Q.1) Convert given hrs & mins in second

[27]:
```
hr=12
minu=24
print("time in seconds ",hr*3600+minu*60)
```

```
time in seconds  44640
```

1.0.3 Q.4) Write a code to accept a number & print in words.

[28]:
```
num=input("enter no.")
for i in num:
    if int(i)==1:
        print("One")
    elif int(i)==2:
        print("Two")
```

```
    elif int(i)==3:
        print("Three")
    elif int(i)==4:
        print("Four")
    elif int(i)==5:
        print("Five")
    elif int(i)==6:
        print("six")
    elif int(i)==7:
        print("Seven")
    elif int(i)==8:
        print("Eight")
    elif int(i)==9:
        print("Nine")
    elif int(i)==0:
        print("Zero")
```

```
enter no.123
One
Two
Three
```

1.0.4 Q8

[17]:
```
for i in range (1,8):
    if i==2 or i==4:
        continue
    for j in range (1,i+1):
        print(i,end="")
    print()
```

```
1
333
55555
666666
7777777
```

1.0.5 Q.9) Accept String & print only alternate characters on a string. Ex: this i s a __ test

[21]:
```
a="this is a test"
for i in range(len(a)):
    if i%2!=0:
        print(a[i],end=" ")
```

```
h s i     e t
```

1.0.6 Q5 create a class

[29]:
```
class Maths:
    def add(self,a,b):
        self.add=a+b
        print(self.add)
    def sub(self,a,b):
        self.sub=a-b
        print(self.sub)
    def multi(self,a,b):
        self.multi=a*b
        print(self.multi)
    def div(self,a,b):
        self.div=float(a/b)
        print(self.div)
x=Maths()
x.add(8,2)
x.sub(8,2)
x.multi(8,2)
x.div(8,2)
```

```
10
6
16
4.0
```

[ ]:
```

```