

*****Lab 1 Excercise's Soluction*****

Question no.1

Find the radius of a circle

```
R=float(input("Enter The Radius"))
PI=3.14
A=PI*R*R
print("The result of Area : %0.2f"%(A))
```

Question no. 2

COnver city temperature from Farenheit to degree centigrade

```
F=int(input("Enter the CITY temperature in Farenheit"))
A=F-32
B=A*5/9
#print(A)
print("The result in degree centigrade:= %0.2f"%(B))
```

Question no.3

Calculator Operation

```
V1= int(input("Input number 1"))
V2= int(input("Input number 2"))
W=V1+V2
print("The result of Addition:",(W))
X=V1-V2
print ("The result of Subtraction:",(X))
Y=V1*V2
print("The result of Multiplication:",(Y))
Z=V1/V2
print("The result of Subtraction: %0.2f"%(Z))
```

Question no.4

Find square root of any number

```
V= int(input("Input from user to know Square root of any number"))
import math
math.sqrt(V)
print("The result of the square root of given value :",(math.sqrt(V)))
```

Question no.5

```
a=int(input("Enter the first coefficient"))
b=int(input("Enter the second coefficient"))
c=int(input("Enter the third coefficient"))
import cmath
x=(-b+cmath.sqrt(b**2)-(4*a*c))/2*a
x1=(-b-cmath.sqrt(b**2)-(4*a*c))/2*a
print("Soluction No. 1",x)
print("Soluction No. 2",x1)
```

Question no. 6

Find the area of triangle

```
a=int(input('Enter First side of triangle '))
b=int(input('Enter Second side of triangle '))
c=int(input('Enter Third side of triangle '))
s=(a+b+c)/2
A=s*(s-a)*(s-b)*(s-c)**0.5
print("The result of Triangle Area %0.2f" %A)
```

Question number 7

```
A=int(input("Enter the digit value"))
sum=0
```

```
a=A%10
sum=sum+a
b=A//10
```

```
c=b%10
sum=sum+c
d=b//10
```

```
e=d%10
sum=sum+e
f=d//10
```

```
g=f%10
sum=sum+g
h=f//10
```

```
i=h%10
```

```
sum=sum+i
```

```
print("The sum of the five digits",sum)
```

```
# Question no.8
```

```
#Print the following sting in specific way
```

```
Poem="""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"""
```

```
print(Poem)  
print(type(Poem))
```

```
# Question number 9
```

```
Name=input("Enter the Name")  
Age=int(input("Enter the Age"))  
Add=input("""Enter where you stay""")  
print('Candidate name is:',Name)  
print('Candidate age is:',Age,'Yrs')  
print('Candidate address is in:',Add)
```