

Python Worksheet

Q1-B) struct

Q2-C) 1_no

Q3-A)in

Q4-A) Left to Right

Q5)-C)iv – iii – ii – i

Q6)- C) 0.3333...

Q7-A) int

Q8-A) Division and multiplication have same precedence in python

B) Python's operators' precedence is based on PEDMAS

Q9-A) abc = 1,000,000

C) a,b,c = 1000, 2000, 3000

D) a_b_c = 1,000,000

Q10-B) x**16

A) x**4**4

Q11-A list is a collection of ordered data. A tuple is an ordered collection of data. A set is an unordered collection. A dictionary is an unordered collection of data that stores data in key-value pairs.

Q12-Python strings are immutable

```
txt="I+Love+Python"
```

```
x=txt.replace("+"," ")
```

```
print(x)
```

```
I Love Python
```

Q13-The ord() function returns the number representing the unicode code of a specified character.

```
x = ord("h")
```

```
x
```

```
104
```

```
a=60
```

```
type(a)
```

```
int
```

Q14 - import cmath

```
a=int(input("Enter the value of a: "))
b=int(input("Enter the value of b: "))
c=int(input("Enter the value of c: "))
d=(b**2)-(4*a*c)
x1=(-b-cmath.sqrt(d))/(2*a)
x2=(-b+cmath.sqrt(d))/(2*a)
print('The solution are {0} and {1}'.format(x1,x2))
```

```
Q15 - n=int(input("Enter Number upto which you want to sum"))
i=1
sum=0
while(i<=n):
    sum=sum+i
    i=i+1
print("Sum=",sum)
```