

Answers for Debugging Exercises: Chapter 3

Find the Output

1. `>>> 250 + 130 - 70`

Ans. 310

2. `>>> (32 + 5.2 - 3) * 10`

Ans. 342.0

3. `>>> 100%(45//2)`

Ans. 12

4. `>>> 'Python is an interesting language'`

Ans. 'Python is an interesting language'

5. `>>> "Python is an interesting language"`

Ans. 'Python is an interesting language'

6. `>>> '''Hi ... \n`

`How are you?'''`

Ans. Hi ...

How are you?

7. `>>>print("Python \n is \n Fun!!!")`

Ans. Python

is

Fun!!!

8. `>>>print("Great !!!!"*3)`

Ans. Great !!!! Great !!!! Great !!!!

9. `>>>4*'2'`

Ans. '2222'

10. `>>>print(3*'7')`

Ans. 777

11. `>>>x = 10`

`>>>x *= 3`

`>>>print(x)`

Ans. 30

12.

`>>>x = "Hello, "`

`>>>x+ = "World!!!"`

```
>>>print(x)
```

Ans. Hello, World!!!

13.

```
days = "Mon Tue Wed Thu Fri Sat Sun"
months = "Jan\nFeb\nMar\nApr\nMay\nJun\nJul\nAug"
print("Days are : "+ days)
print("Months are: "+ months)
print(""" There's a new dream today.
I'll tell you some other day.
Come on, let's enjoy. """)
```

Ans. Days are : Mon Tue Wed Thu Fri Sat Sun

Months are: Jan

Feb

Mar

Apr

May

Jun

Jul

Aug

There's a new dream today.

I'll tell you some other day.

Come on, let's enjoy.

14. # print(1234)

Ans. Nothing is printed

15. What is the output of this code?

```
>>>num1 = 2
>>>num2 = 3
>>>del num1
>>>num2 = 4
>>>num1 = 5
>>>print(num1 * num2)
```

Ans. 20

```
16. >>> num1 = "7"
>>> num1 += "10"
>>> num2 = int(num1) + 3
>>> print(float(num2))
```

Ans. 713.0

17.

```
>>> word = input("Enter a word :")
Enter a word: Hello
>>> print(word + 'World')
Ans. HelloWorld
```

18.

```
>>> num1 = 9
>>> num2 = num1 + 5
>>> num2 = int(str(num2) + "4")
>>> print(num2)
Ans. 84
```

```
19.     abs(10-20)
Ans. 10
```

20.

```
print(abs(10-20) * 3)
Ans. 30
```

Find the Error

1. >>>1+'2'+3+'4'

Ans. Traceback (most recent call last):

File"<stdin>", line 1, in<module>

TypeError: unsupported operand type(s) for +: 'int' and 'str'

2. >>>'17'*'87'

Ans. TypeError:can't multiplay sequence by non-int of type 'str'

3. >>>'pythonisfun'*7.0

Ans. TypeError: can't multiply sequence by non-int of type 'float'

4. num = 10

print(num)

Ans. No error

5.

sal = 4567.89

print('\$' + sal)

Ans. TypeError: cannot concatenate 'str' and 'float' objects

6. a = 10

b = 20

sum = a + b + c

print(sum)

Ans. NameError: name 'c' is not defined