



Data Structures & Algorithms **using Python**

Quiz Answers

OOPs-2

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What will be the output of the following code?

```
class Vehicle:
    def __init__(self,color):
        self.color = color
class Car(Vehicle):
    def __init__(self,color,numGears):
        self.numGears = numGears
c= Car("black",5)
print(c.color)
```

black

None

Error

None of the above

What will be the output of the following code?

```
class Vehicle:
    def __init__(self,color):
        self.color = color
class Car(Vehicle):
    def __init__(self,color,numGears):
        super().__init__(color)
        self.numGears = numGears
c= Car("black",5)
print(c.color)
```

None

Error

black

None of the above

What will be the output of the following code?

```
class Vehicle:
    def __init__(self,color):
        self.__color = color
class Car(Vehicle):
    def __init__(self,color,numGears):
        super().__init__(color)
        self.numGears = numGears
    def printCar(self):
        print(c.__color,end=" ")
        print(c.numGears)
c = Car("black",5)
```



c.printCar()

black 5

Error

5 black

None of the above

What will be the output of the following code?

```
class Vehicle:
    def __init__(self,color):
        self.color = color
    def print(self):
        print(self.color,end="")
class Car(Vehicle):
    def __init__(self,color,numGears):
        super().__init__(color)
        self.numGears = numGears
    def print(self):
        print(self.color,end="")
        print(self.numGears)
c = Car("black",5)
c.print()
```

black5

Error

black

None of the above

What will be the output of the following code?

```
class Vehicle:
    def __init__(self,color):
        self.color = color
    def print(self):
        print(c.color,end="")
class Car(Vehicle):
    def __init__(self,color,numGears):
        super().__init__(color)
        self.numGears = numGears
    def print(self):
        self.print()
        print(c.numGears)
c = Car("black",5)
c.print()
```

Quiz Answers



black 5

Recursion Error

black

None of the above

What will be the output of the following code?

```
class Circle(object):
    def __str__(self):
        return "This is a Circle Class"
c = Circle()
print(c)
```

Can't Predict

This is a Circle Class

Error

None of the above

What will be the output of the following code?

```
class A:
    def __init__(self):
        print("init of A called")
class B:
    def __init__(self):
        print("init of B called")
class C(B,A):
    def __init__(self):
        super().__init__()
c = C()
```

init of A called

init of B called

Nothing will be printed

None of the above



```
class X: pass
class Y: pass
class Z:pass
class A(X,Y):pass
class B(Y,Z):pass
class C(B,A,Y):pass
```

What will be the Method Resolution Order of C?

C > B > Y > Z > A > X

C > B > Z > A > X > Y

C > B > A > Y > X > Z

None of the above
