Q1. What is the output of below codes?

|  |
| --- |
| class XYZ: |
| def \_\_init\_\_(self, name, company): |
| self.name = name |
| self.company = company |
|  |
| def show(self): |
| print("Hello my name is " + self.name+" and I" + |
| " work in "+self.company+".") |

Q2. What is the output of below codes?

class Vehicle:

def \_\_init\_\_(self, name, mileage, capacity):

self.name = name

self.mileage = mileage

self.capacity = capacity

def fare(self):

return self.capacity \* 100

class Bus(Vehicle):

pass

School\_bus = Bus("School Volvo", 12, 50)

print("Total Bus fare is:", School\_bus.fare())

Q3.What is the output of below codes?

|  |
| --- |
| def add(c,k): |
| c.test=c.test+1 |
| k=k+1 |
| class A: |
| def \_\_init\_\_(self): |
| self.test = 0 |
| def main(): |
| Count=A() |

Q4. What is the output of below code?

|  |
| --- |
| class stud: |
| def \_\_init\_\_(self, roll\_no, grade): |
| self.roll\_no = roll\_no |
| self.grade = grade |
| def display (self): |
| print("Roll no : ", self.roll\_no,  ", Grade: ", self.grade) |
| stud1 = stud(34, 'S') |
| stud1.age=7 |
| print(hasattr(stud1, 'age')) |

Answer: True

Q5. What is the output of below code?

|  |
| --- |
| class fruits: |
| def \_\_init\_\_(self, price): |
| self.price = price |
| obj=fruits(50) |
|  |
| obj.quantity=10 |
| obj.bags=2 |
|  |
| print(obj.quantity+len(obj.\_\_dict\_\_)) |

Q6. What is the output of below code?

class A:

def \_\_init\_\_(self):

self.\_\_i = 1

self.j = 5

def display(self):

print(self.\_\_i, self.j)

class B(A):

def \_\_init\_\_(self):

super().\_\_init\_\_()

self.\_\_i = 2

self.j = 7

c = B()

c.display()

Q7. What is the output of below data?

class A:

def \_\_init\_\_(self,x):

self.x = x

def count(self,x):

self.x = self.x+1

class B(A):

def \_\_init\_\_(self, y=0):

A.\_\_init\_\_(self, 3)

self.y = y

def count(self):

self.y += 1

def main():

obj = B()

obj.count()

print(obj.x, obj.y)

main()

Q8. What is the output of below data?

class A:

def \_\_str\_\_(self):

return '1'

class B(A):

def \_\_init\_\_(self):

super().\_\_init\_\_()

class C(B):

def \_\_init\_\_(self):

super().\_\_init\_\_()

def main():

obj1 = B()

obj2 = A()

obj3 = C()

print(obj1, obj2,obj3)

main()

Q9. What is the output of below data?

class A:

def \_\_init\_\_(self):

self.multiply(15)

print(self.i)

def multiply(self, i):

self.i = 4 \* i;

class B(A):

def \_\_init\_\_(self):

super().\_\_init\_\_()

def multiply(self, i):

self.i = 2 \* i;

obj = B()

Q10. What is the output of below data?

class A:

def \_\_init\_\_(self,x=3):

self.\_x = x

class B(A):

def \_\_init\_\_(self):

super().\_\_init\_\_(5)

def display(self):

print(self.\_x)

def main():

obj = B()

obj.display()

main()