**“Person” class to hold all the details**

class Person:

def \_\_init\_\_(self, name, age, email, phone):

self.name = name

self.age = age

self.email = email

self.phone = phone

def get\_details(self):

return {

"Name": self.name,

"Age": self.age,

"Email": self.email,

"Phone": self.phone

}

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

return f"Person(Name: {self.name}, Age: {self.age}, Email: {self.email}, Phone: {self.phone})"

person = Person(name="Bharath ", age=21, email="bharthvicky212003@gmail.com phone="11232312123")

print(person)

print(person.get\_details())

**Class to calculate the Uber price**

class Uber:

def \_\_init\_\_(self, base\_fare, cost\_per\_mile, cost\_per\_minute):

self.base\_fare = base\_fare

self.cost\_per\_mile = cost\_per\_mile

self.cost\_per\_minute = cost\_per\_minute

def calculate\_price(self, distance, duration):

price = self.base\_fare + (self.cost\_per\_mile \* distance) + (self.cost\_per\_minute \* duration)

return round(price, 2)

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

return f"Uber(Base Fare: {self.base\_fare}, Cost per Mile: {self.cost\_per\_mile}, Cost per Minute: {self.cost\_per\_minute})"

uber = Uber(base\_fare=2.50, cost\_per\_mile=1.50, cost\_per\_minute=0.25)

distance = 10 # in miles

duration = 20 # in minutes

price = uber.calculate\_price(distance, duration)

print(f"The price of the Uber ride is: ${price}")