SOAL NOMOR 2 : LIST

```
#1

namadepan = ['Sari',]
namatengah = ['Fauzia',]
namabelakang = ['Elza',]

print('Nama lengkap anda adalah: ', namadepan + namatengah + namabelakang)
```

```
    Nama lengkap anda adalah:  ['Sari', 'Fauzia', 'Elza']
```

```
#2

nilaitugas = [75, 80, 89, 95, 70, 75, 90]

ratarata = sum(nilaitugas)/len(nilaitugas)
print ('Rata-rata nilai tugas Anda adalah : ', ratarata)
```

```
    Rata-rata nilai tugas Anda adalah :  82.0
```

```
#3
nilaitugas = [75, 80, 89, 95, 70, 75, 90]
print(nilaitugas)

delete = nilaitugas.pop()
print ('Angka sudah terhapus', nilaitugas)
```

```
    [75, 80, 89, 95, 70, 75, 90]
    Angka sudah terhapus [75, 80, 89, 95, 70, 75]
```

```
#4
def kuadrat_list(input_list):
    squared_list = [x**2 for x in input_list]
    return squared_list


d = input('Inputkan nilai list anda (pisahkan angka dengan spasi): ')
input_list = [int(x) for x in d.split()]

output_list = kuadrat_list(input_list)

print('Inputkan list anda:', input_list)
print("List setelah di-kuadratkan:", output_list)
```

```
    Inputkan nilai list anda (pisahkan angka dengan spasi): 13 6 70
    Inputkan list anda: [13, 6, 70]
    List setelah di-kuadratkan: [169, 36, 4900]
```

SOAL NOMOR 1

```
class Package:
    feePerOunce = 1000
    flatFee = 5000

    def __init__(self, recipient_name, recipient_address, package_weight):
        self.recipient_name = recipient_name
        self.recipient_address = recipient_address
        self.package_weight = package_weight

    def calculate_cost(self):
        cost = (self.package_weight * self.feePerOunce) + self.flatFee
        return cost

    def display_info(self):
        print("\nInformasi Pengiriman:")
        print("Nama Penerima:", self.recipient_name)
        print("Alamat Penerima:", self.recipient_address)
        print("Berat Paket:", self.package_weight, "ounce")
        print("Jenis Pengiriman: Package")
```

```python
        total_cost = self.calculate_cost()
        print("Total Biaya Kirim: ", total_cost)


class OvernightPackage(Package):
    overnightFeePerOunce = 2.0

    def calculate_cost(self):
        cost = (self.package_weight * self.overnightFeePerOunce) + self.flatFee
        return cost

    def display_info(self):
        print("\nInformasi Pengiriman:")
        print("Nama Penerima:", self.recipient_name)
        print("Alamat Penerima:", self.recipient_address)
        print("Berat Paket:", self.package_weight, "ounce")
        print("Jenis Pengiriman: Overnight")
        total_cost = self.calculate_cost()
        print("Total Biaya Kirim: ", total_cost)


class TwoDaysPackage(Package):
    def display_info(self):
        print("\nInformasi Pengiriman:")
        print("Nama Penerima:", self.recipient_name)
        print("Alamat Penerima:", self.recipient_address)
        print("Berat Paket:", self.package_weight, "ounce")
        print("Jenis Pengiriman: Two days")
        total_cost = self.calculate_cost()
        print("Total Biaya Kirim: ", total_cost)


def main():

    recipient_name = input("Masukkan Nama Penerima: ")
    recipient_address = input("Masukkan Alamat Penerima: ")
    package_weight = float(input("Masukkan Berat Paket (ounce): "))


    print("Pilih Opsi Pengiriman:")
    print("1. Package")
    print("2. Overnight")
    print("3. Two days")
    delivery_option = int(input("Masukkan nomor opsi pengiriman: "))


    if delivery_option == 1:
        shipment = Package(recipient_name, recipient_address, package_weight)
    elif delivery_option == 2:
        shipment = OvernightPackage(recipient_name, recipient_address, package_weight)
    elif delivery_option == 3:
        shipment = TwoDaysPackage(recipient_name, recipient_address, package_weight)
    else:
        print("Opsi pengiriman tidak valid.")
        return


    shipment.display_info()


if __name__ == "__main__":
    main()


    Masukkan Nama Penerima: Elza
    Masukkan Alamat Penerima: ek
    Masukkan Berat Paket (ounce): 3
    Pilih Opsi Pengiriman:
    1. Package
    2. Overnight
    3. Two days
    Masukkan nomor opsi pengiriman: 2

    Informasi Pengiriman:
    Nama Penerima: Elza
    Alamat Penerima: ek
    Berat Paket: 3.0 ounce
```

```
Jenis Pengiriman: Overnight
Total Biaya Kirim:  5006.0
```