Problem 1:


```python
# averageAge.py

peopleNum = int(input("Ammount of people in class: "))
counter = 1
ages = []

while (counter <= peopleNum):
    studentAge = int(input(f"Student {counter} age: "))
    ages.append(studentAge)
    counter += 1

counter2 = 0
agesSum = 0

while (counter2 < len(ages)):
    agesSum += ages[counter2]
    counter2 += 1

averageAge = agesSum / len(ages)
print(f"\n{averageAge}")
```
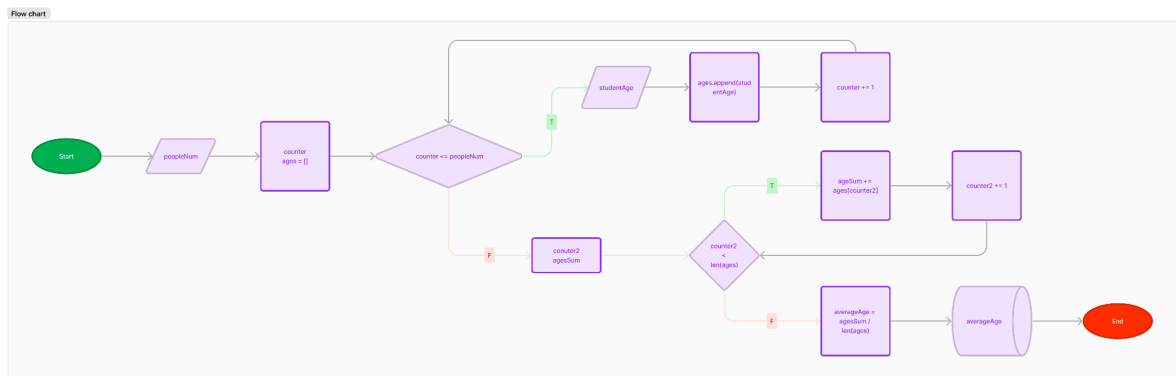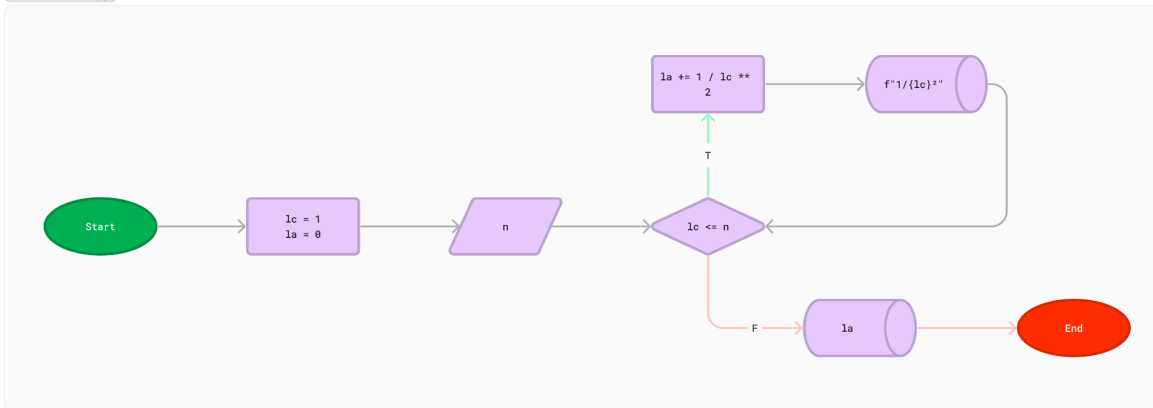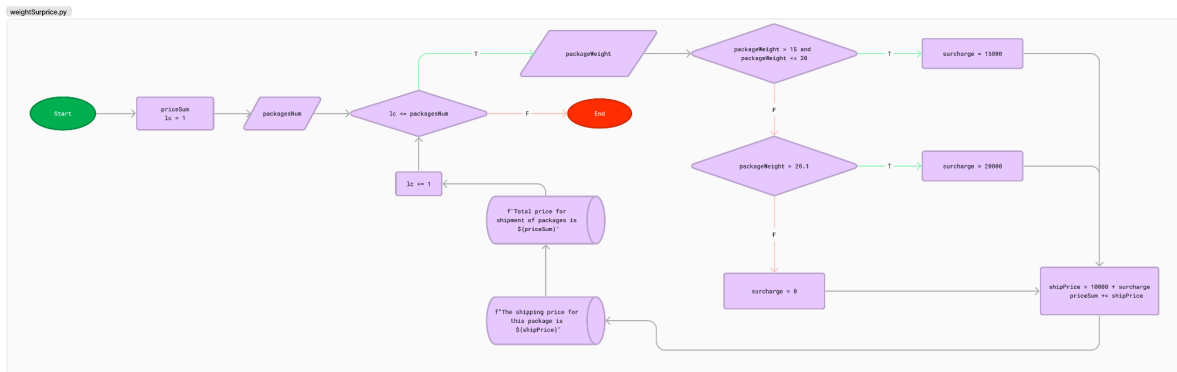
Problem 2:

harmonicSeries.py

```python
lc = 1
la = 0

n = int(input("n: "))

while (lc <= n):
    la += 1 / lc ** 2
    print(f"1/{lc}²", end=" ")
    lc += 1

print("")
print(la)
print("\nDONE")
```

Problem 3:

```python
packagesNum = int(input("Number of packages: "))

priceSum = 0

lc = 1
while (lc <= packagesNum):
    packageWeight = int(input(f"Weight of package No. {lc}: "))

    if (packageWeight > 15 and packageWeight <= 20):
        surcharge = 15000

    elif (packageWeight > 20.1):
        surcharge = 20000

    else:
        surcharge = 0

    shipPrice = 10000 + surcharge
    priceSum += shipPrice

    print(f"The shipping price for this package is ${shipPrice}")
    print(f"Total price for shipment of packages is ${priceSum}")

    lc += 1
```