

Sample Program 3.1

Average Age

Problem statement. Write four different versions of a program to average three ages and output the results to the console with a label. Each version should use a different sequence to total the three ages.

Solution #1.

```
age1 = 19
age2 = 21
age3 = 30

averageAge = age1 + age2
averageAge = averageAge + age3
averageAge = averageAge // 3

print("The average of three ages is", averageAge)
```

Solution #2.

```
age1 = 19
age2 = 21
age3 = 30

averageAge = age1 + age2 + age3
averageAge = averageAge // 3

print("The average of three ages is", averageAge)
```

Solution #3.

```
age1 = 19  
age2 = 21  
age3 = 30
```

```
averageAge = (age1 + age2 + age3) // 3
```

```
print("The average of three ages is", averageAge)
```

Solution #4.

```
age1 = 19  
age2 = 21  
age3 = 30
```

```
print("The average of three ages is", ((age1 + age2 + age3) // 3))
```