

# Sample Program 3.1

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## 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))
```