

Assignment

1) Find average of 5 numbers

Step 1 : Start

Step 2 : Declare variables num1, num2, num3, num4 and num5

Step 3 : $\text{average} = (\text{num1} + \text{num2} + \text{num3} + \text{num4} + \text{num5}) / 5$

Step 4 : print(average)

Step 5 : Stop

2) Write algorithm to find Simple Interest

1. Read the values of principal amount, time and rate of simple interest into the locations labelled as P, T, R.

2. Set the count T to 1 implying the end of a year.

3. Calculate:

$$\text{S.I} = \text{PTR}/100$$

4. Write the current values of T and S.I.

5. Increase T by 1

6. If $T \leq 5$, complete the steps from 3 to 6

7. Else, stop.

3) Write program to swap of another number

```
a = float(input(" Please Enter the First Value a: "))
```

```
b = float(input(" Please Enter the Second Value b: "))
```

```
print("Before Swapping two Number: a = {0} and b = {1}".format(a, b))
```

```
temp = a
```

```
a = b
```

```
b = temp
```

```
print("After Swapping two Number: a = {0} and b = {1}".format(a, b))
```