

Week 1:

```
#1:
name = input("Hello, what is your name? ")
print(f"Hello {name} Nice to meet you" )
```

Hello, what is your name? anshu

Hello anshu Nice to meet you

```
#2:
temp = float(input("Enter the tempertaure in celsius:"))
Fahrenheit = temp*(9/5)+32
print(f"The temperature in Fahrenheit is: {Fahrenheit}")
```

Enter the tempertaure in celsius:23

The temperature in Fahrenheit is: 73.4

```
#3:
total_std = int(input("Total number of students "))
group_size = int(input("Required group size "))

groups = total_std // group_size
leftover = total_std % group_size

group_word = "group" if groups == 1 else "groups"
student_word = "student" if leftover == 1 else "students"

print(f"There will be {groups} {group_word} with {leftover} {student_word} left over.")
```

Total number of students 500

Required group size 12

There will be 41 groups with 8 students left over.

```
#4:
total_pupils = int(input("Total number of pupils "))
sweets = int(input("tub of sweets"))

sweet_per_pupil = total_pupils // sweets
remaining = total_pupils % sweets

group_word = "group" if groups == 1 else "groups"
student_word = "student" if leftover == 1 else "students"

print(f"There will be {sweet_per_pupil} with {remaining} left over.")
```

Total number of pupils 450

tub of sweets 34

There will be 13 with 8 left over.