

WEEK-2:

1. Ask for the user's first name and display the output message

```
firstname = input("Please enter your first name: ")
print ("Hello",firstname)
```

2. Ask for the user's first name and then ask for their surname and display the output message

```
firstname = input("Please enter your first name: ")
surname = input("Please enter your surname: ")
print ("Hello",firstname, surname)
```

3. Write code that will display the joke "What do you call a bear with no teeth?" and on the next line display the answer "A gummy bear!" Try to create it using only one line of code.

```
print("What do you call a bear with no teeth?\nA gummy bear!")
```

4. Ask the user to enter two numbers. Add them together and display the answer.

```
num1 = int(input("Please enter your first number: "))
num2 = int(input("Please enter your second number: "))
answer = num1 + num2
print("The answer is", answer)
```

5. Ask the user to enter three numbers. Add together the first two numbers and then multiply this total by the third. Display the answer

```
num1 = int(input("Please enter your first number: "))
num2 = int(input("Please enter your second number: "))
num3 = int(input("Please enter your third number: "))
answer = (num1 + num2) * num3
print("The answer is", answer)
```

6. Ask how many slices of pizza the user started with and ask how many slices they have eaten. Work out how many slices they have left and display the answer in a user-friendly format

```
startNum = int(input("Enter the number of slices of pizza you started with: "))
endNum = int(input("How many slices have you eaten? "))
slicesLeft = startNum - endNum
print("You have", slicesLeft, "slices remaining")
```

7. Ask the user for their name and their age. Add 1 to their age and display the output

```
name = input("What is your name? ")
age = int(input("How old are you? "))
newAge = age + 1
print(name, "next birthday you will be", newAge)
```

8. Ask for the total price of the bill, then ask how many diners there are. Divide the total bill by the number of diners and show how much each person must pay.

```
bill = int(input("What is the total cost of the bill? "))
people = int(input("How many people are there? "))
each = bill/people
print("Each person should pay £", each)
```

9. Write a program that will ask for a number of days and then will show how many hours, minutes and seconds are in that number of days.

```
days = int(input("Enter the number of days: "))
hours = days*24
minutes = hours*60
seconds = minutes*60
print("In", days, "days there are...")
print(hours, "hours")
print(minutes, "minutes")
print(seconds, "seconds")
```

10. There are 2,204 pounds in a kilogram. Ask the user to enter a weight in kilograms and convert it to pounds.

```
kilo = int(input("Enter the number of kilos: "))
pound = kilo * 2.204
print("That is", pound, "pounds")
```

11. Task the user to enter a number over 100 and then enter a number under 10 and tell them how many times the smaller number goes into the larger number in a user-friendly format.

```
larger = int(input("Enter a number over 100: "))
smaller = int(input("Enter a number under 10: "))
answer = larger//smaller
print(smaller, "goes into", larger, answer, "times")
```