```
Print(“********WHILE LOOPS******“)
Counter = 0
While counter < 3:
   Counter += 1
   Print(“Greetings, Universe!”)

Print(“*********SINGLE STATEMENT WHILE BLOCK********“)
Counter = 0
While counter != 0:
   Print(“Greetings, Universe!”)

Print(“******FOR LOOPS********“)
Words_list = [‘hello’, ‘world’, ‘python’]
For word in words_list:
   Print(word)

Print(“*****OR LOOPS IN TUPLES*******“)
Words_tuple = (‘hello’, ‘world’, ‘python’)
For word in words_tuple:
   Print(word)

Print(“*****ITERATING OVER A STRING******“)
Sample_string = “hello”
For char in sample_string:
   Print(char)

Print(“******ITERATING BY INDEX******“)
For index in range(len(words_list)):
   Print(index)
Print(“******LOOP CONTROL*******“)
Sample_string = “hellopython”
For char in sample_string:
    If char == ‘o’ or char == ‘n’:
        Continue
    Print(‘current character:’, char)


Print(“*********Functions in Python**********“)
Def greet():
    Print(“Hello from a function”)


Greet()


Print(“\nFunctions with parameters\n”)
Def greet_with_name(name):
    Print(name + “ was the parameter that you passed to the function”)


Greet_with_name(“Linux”)
Def greet_from_country(country=”Norway”):
    Print(“I am from:”, country)


Greet_from_country(“Sweden”)
Greet_from_country()


Print(“\nFunctions with list as a parameter\n”)
Def print_food_items(food_items):
    For item in food_items:
        Print(item)
```

```
Fruits = [‘apple’, ‘banana’, ‘oranges’, ‘mangoes’]
Print_food_items(fruits)


Print(“\nFunctions with return values\n”)
Def multiply_by_five(num):
   Return 5 * num


Print(multiply_by_five(3))


Print(“\nFunctions with keyword arguments\n”)
Def show_youngest(child1, child2, child3):
   Print(“The youngest child is:”, child3)


Show_youngest(child1=”Emil”, child2=”Tobia”, child3=”Linus”)


Print(“***********CLASSES AND OBJECTS*******“)
Class ExampleClass:
   Value = 5


Example_object = ExampleClass()
Print(example_object.value)


Class Person:
   Def __init__(self, name, age):
      Self.name = name
      Self.age = age


Person1 = Person(“John”, 36)
```

```
Print(person1.name)

Print(person1.age)
```