

Section-3

1) Polymorphism in programming refers to implementation of a function in many forms based on the data type.

(i) When call to a polymorphic function happens at the run-time, it is known as dynamic polymorphism.

(ii) In static polymorphism method/function call takes place at the compile time, function overloading is static polymorphism.

Uploading Sequence

When we take an example of list of strings.

```
list = ["abc", "xyz"]
```

```
var1, var2 = list
```

In the above example

"abc" is assigned to var1

"xyz" is assigned to var2

In this manner we can define unpacking sequence as assigning values from list to various variables.

tuple: A ordered collection of objects is known as a tuple

tuple = ('happy', 'quiz')

↳ tuples are enclosed in parenthesis and they are immutable i.e. the values of tuple cannot change.