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Show Name: CompTIA IT Fundamentals (Exam FC0-U61)

Topic Name: Software Development

Episode Name: Developing with Python

Show Description: In this episode, Don and Ronnie demonstrate how to write an application using the Python development language. They start with a simple application and then add in elements like variables, functions and loops to create a more complex example.

## Developing with Python

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### Simple hello world application

```
print("Hello World!")
```

### Using a variable

```
name = "Ronnie"
print("Hello " + name + "!")
```

### Using multiple variables

```
name1 = "Ronnie"
name2 = "Don"

print("Hello " + name1 + " and " + name2 + "!")
```

### Calling a function

```
def hello(name):
    print("Hello " + name + "!")

hello("Ronnie")
hello("Don")
```

### Using If Statements

```
def hello(name):
    if(name == "Ronnie"):
        print(name + " is my favorite!")
    else:
        print(name + " is super boring.")

hello("Ronnie")
hello("Don")
```

### Looping a function

```
def hello(name):
    if(name == "Ronnie"):
        print(name + " is my favorite!")
    else:
        print(name + " is super boring.")

loop = 0
while(loop < 6):
    hello("Ronnie")
    hello("Don")
    loop = loop + 1
```