

Digital Forensics Workshop (CSE3156)

# Prerequisite Python Commands

*Computer Science Department, SOA University*

# Overview

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## **# subprocess call**

```
subprocess.run(["md5sum", file_path], stdout=subprocess.PIPE,  
stderr=subprocess.PIPE, text=True)
```

## **# Get a list of all file names in the directory**

```
import os
```

```
file_names = os.listdir(directory_path)
```

## **# Filter out directories (if needed, leaving only files)**

```
file_names = [file for file in file_names if  
os.path.isfile(os.path.join(directory_path,  
file))]
```

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## **#argparse call**

```
import argparse
```

```
parser = argparse.ArgumentParser(description="A simple example of  
argparse")
```

```
parser.add_argument("name", type=str, help="Your name")
```

```
args = parser.parse_args()
```

```
print(f"Hello, {args.name}! ")
```

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## **#Thread Creation**

```
import threading
import time
thread = threading.Thread(target=run_foremost,
args=(imgfilename, filetype))
# Start the thread
thread.start()
# Main thread continues while the new thread
runs in the background
print("Main thread continues to run...")
# Wait for the thread to finish
thread.join()
print("Thread finished, main thread ends.")
```

**Thank You**