# EC 0.6 - Reports
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# Q1

*You may copy the question into your report, but make sure that you make it clear where the question ends and your answer begins.*

## Answer

*If you want to include code in your report, you can insert a screenshot (if it's legible), or you can copy/paste the code into a listings environment. There are examples below and more information is available at* `https://www.overleaf.com/learn/latex/code_listing`.

Listing 1 is an example of directly copying code into the LaTeX document and having the listings package perform syntax highlighting. Listing 2 is an example of importing the code from a file rather than copying it in.

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

**Listing 1:** "Hello World!" in Python

```python
#!/usr/local/bin/python3
# testargs.py

import sys

print ("{} is the name of the script." . format(sys.argv[0]))
print ("There are {} arguments: {}" . format(len(sys.argv), str(sys.argv)))

for ind, arg in enumerate(sys.argv):
    print ("[{}]: {} {}".format(ind,arg,sys.argv[ind]))
```

**Listing 2:** Python sample code loaded from file

Table 1 shows a simple example table. Table 2 shows an example confusion matrix (you'll see this term later) from `https://en.wikipedia.org/wiki/Confusion_matrix`. This employs rows that span multiple columns (multicol) and columns that span multiple rows (multirow).

*You must provide some discussion of every answer. Discuss how you arrived at the answer and the tools you used. Discuss the implications of your answer.*

**Figure 1:** A cat

# Q2

## Answer

Figure 2 shows an example of grouping related figures into a subfigure. This includes Figure 2a and Figure 2b.

**Table 1:** Summary Schedule

| Week | Week Start Date | Topic |
|------|-----------------|-------|
| 1 | Aug 24 | Introduction to Web Science and Web Architecture |
| 2 | Aug 31 | Introduction to Python |
| 3 | Sept 7 | Measuring the Web |
| 4 | Sept 14 | Searching the Web |

**Table 2:** Example Confusion Matrix from Wikipedia

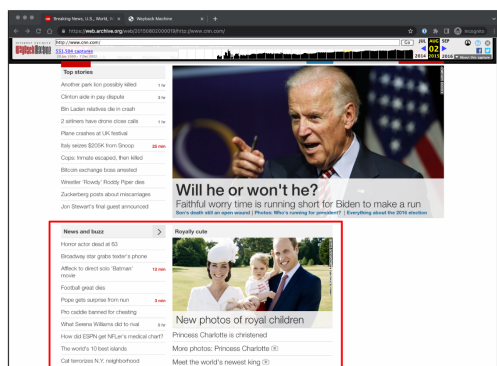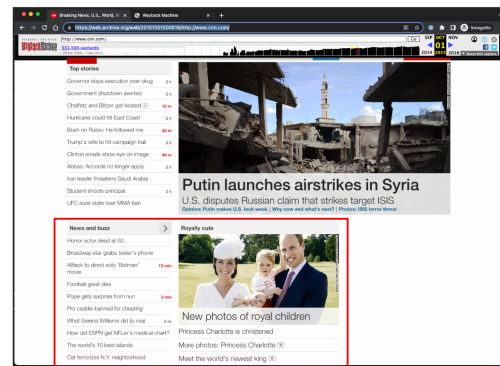|  |  | Actual | |
|--|--|--------|--|
|  |  | Cat | Dog |
| Predicted | Cat | 5 (TP) | 3 (FP) |
|  | Dog | 2 (FN) | 3 (TN) |

# Q3

## Answer

# References

*Every report must list the references that you consulted while completing the assignment. If you consulted a webpage, you must include the URL.*

- White and Grey Kitten on Brown and Black Leopard Print Textile, `https://www.pexels.com/photo/white-and-grey-kitten-on-brown-and-black-leopard-print-textile-45201/`

- Python Hello World, `https://www.pythontutorial.net/getting-started/python-hello-world/`

- Extra Credit - Reports, `https://github.com/odu-cs432-websci/public-fall24/blob/main/getting-started/EC-report.md`

**(a)** Archived CNN.com from Aug 2, 2015, `https://web.archive.org/web/20150802000019/http://www.cnn.com/.`



**(b)** Archived CNN.com from Oct 1, 2015, `https://web.archive.org/web/20151001000018/http://www.cnn.com/.`

**Figure 2:** Content from Jul 10, 2015 appearing in replayed pages with Memento-Datetimes of Aug 2, 2015 and Oct 1, 2015.