CPSC 217 - T10

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What did you learn?

What did you learn?

- Data types?
  - boolean, string, int, float
- Number systems?
  - Binary, hexadecimal, one's complement, two's complement

SimpleGraphics.py

- tutorial.pdf

- Setup & import

- coordinate system
  - points

- line(x1, y1, x2, y2)

- line(x1, y1, x2, y2)

- rect(x1, y1, width, height)

- line(x1, y1, x2, y2)

- rect(x1, y1, width, height)

- line(x1, y1, x2, y2, x3, y3, …)

- line(x1, y1, x2, y2)

- rect(x1, y1, width, height)

- line(x1, y1, x2, y2, x3, y3, …)

- curve(x1, y1, x2, y2, x3, y3, …)

- line(x1, y1, x2, y2)

- rect(x1, y1, width, height)

- line(x1, y1, x2, y2, x3, y3, …)

- curve(x1, y1, x2, y2, x3, y3, …)

- ellipse(x1, y1, width, height)

String Formatting

```
name = "Ellie"
age = 25

print(name + "'s age is " + str(age) + ".")
print(f"{name}'s age is {age}.")
```

Number Formatting

```python
float_number = 1234.5678
print("%f" % float_number)
print("%.2f" % float_number)
print("%.8f" % float_number)
print("%2.f" % float_number)
print("%5.f" % float_number)
print("%2.2f" % float_number)
print("%d" % float_number)
```

Exercise 1

Next Session

IDK