

Review the NIST Privacy tools. How do these fit with the risk assessment methods and tools described in last week's Lecturecast?

The NIST Privacy tools are used to manage privacy risks and should be used in conjunction with various risk assessment methods and tools such as OCTAVE and the Mythical Man Month model by Brooks (1995).

Create a Python program that implements one of the estimation methods covered in the Lecturecast.

```
"""Python application for The Constructive Cost Model"""
class Cocomo(object):
    """The Constructive Cost Model"""
    @staticmethod
    def calculate(table: list[list[float]], mode: list[str], size: int) -> None:
        model = 0
        # Check the mode according to size
        if 2 <= size <= 50:
            model = 0
        elif 50 < size <= 300:
            model = 1
        elif size > 300:
            model = 2

        print(f"The mode is {mode[model]}")

        # Calculate Effort
        effort = table[model][0] * pow(size, table[model][1])

        # Calculate Time
        time = table[model][2] * pow(effort, table[model][3])

        # Calculate Persons Required
        staff = effort / time

        # Output the values calculated
        print(f"Effort = {round(effort)} Person-Month.")
        print(f"Development Time = {round(time)} Months.")
        print(f"Average Staff Required = {round(staff)} Persons")
```