Homework – Task 1 + 2

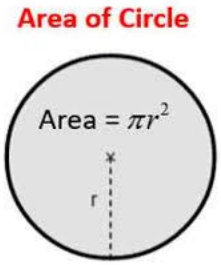
- Write down the results without running the Python code.
  - sum(87, 93, -304)
  - max(min(8,9), max(7,3))
  - round(9.84702,2)
  - round(7.499)

- A manufacturer ships bigger batches sooner than smaller batches.
  - Currently, there are 5 batches of goods.
    - 329kg, 514kg, 286kg, 333kg, 427kg
  - Build a list to store all the 5 weights.
  - Use a loop to output the batches.

```
loads = [329, 514, 286, 333, 427]
loads = sorted(load, reverse=True)
while loads != []:
    print("The current batches are", loads)
    nextBatch = loads.pop(0)
    print("The next load is", nextBatch)
```

Task 3 + 4

- Get pi from the math module
  - Write a function `circlePerimeter()` that has
    - one input (parameter) – radius
    - one output (return value) – the perimeter of the circle of the radius
  - Hint: Perimeter of a circle = 2 * pi * radius



- Jackpot
  - The rule of Jackpot is easy.
  - There are three wheels.
  - Each has a choice from 0 to 9.
  - Each time you pull down a lever, all three wheels will turn and stop at a number.
  - If all three numbers are the same (not necessarily to be 7), then you win all the money accumulated so far.

  - You are asked to write a simpler jackpot game by filling in the missing parts.
    - Two wheels, each to choose from 1, 2, 3
    - Print "You win" if the two numbers are the same
    - Print "Try again" if not
    - You may want to use a while-loop for user to play more than once