## 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.
- $329 \mathrm{~kg}, 514 \mathrm{~kg}, 286 \mathrm{~kg}, 333 \mathrm{~kg}, 427 \mathrm{~kg}$
- 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(\)
    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.

Area of Circle


- 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


