**Modular programming second exam.**

A program is required to process information about a worker's weekly earnings.

**Preliminaries**

Create and call a main() function that prints out your name.

Add  the following list to main() .

weeks = ["Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday", "Sunday"]

Write each of the following functions and call them from the main() function.

Add print statements as required to verify your code is working.

You may re-use code you have already written by importing the Python file as a module or by copying and pasting the code into your exam's file.

**Q1.**

Write a function that asks for, reads and returns a worker’s name and their age (ensuring the age is a positive number).

**Q2.**

Write a function which takes the days of the week list from above as a parameter and returns a list of wages,  with one entry for each of the days. The wages for each day should be a positive, floating point number. The day of the week should appear in the prompt.

For example the function might return

[ 100, 200, 120, 170, 250.58, 115, 105.56]

**Q3.**

Write a function which accepts the list of wages (produced in q2) and the days of the week as a list, and returns a list of the days on which the wages earned were over €150.

For the sample wages above this would yield

["Tuesday", "Thursday", "Friday"]

**Q4.**

Write a function which accepts the list of wages (produced in q2) and returns the total amount of money required to pay all bonuses if each worker gets a 10% bonus.

**Q5.**

Write a function which accepts the name, age, days of the week and wages on each day and outputs these details in a neat table. The table should have a # on each line where the wages for that day is greater than €175.

**Q6.**

Write a function that receives the days of the week and wages on each day and prints out the day(s) on which the most money was earned and the amount.

**Q7.**

Write a function that receives the days of the week as a list and the wages on each day.

The function will ask the user to enter a day of the week and display the amount of money earned on that day in a neat sentence.

**Q8.**

A mistake has been discovered in the company's systems and the employee's were overpaid by 5%.

Write a function that receives the list wages for each day and reduce each wage by 5%.