

MPP - Week 1 - Programming Exercise

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Do the following in Python:

- Write a program that asks the user for their name and greets them with their name.
- Modify the previous program such that only the users Alice and Bob are greeted with their names.
- Write a program that asks the user for a number n and prints the sum of the numbers 1 to n
- Modify the previous program such that only multiples of three or five are considered in the sum, e.g. 3, 5, 6, 9, 10, 12, 15 for $n=17$
- Write a program that asks the user for a number n and gives them the possibility to choose between computing the sum and computing the product of $1, \dots, n$.
- Write a program that prints a multiplication table for numbers up to 12.
- Write a program that prints all prime numbers smaller than 100.

Zip up these programs and submit the zip file on Moodle.