

Programming with Python: challenges 1



- 1) Write a program to print your name on the screen.
- 2) Write a program to display the first 2 lines of the lyrics of your favourite song.
- 3) Write a program to display the following **but** you must enter the words only once:
"hello world hello world hello world hello world"
"good bye good bye good bye good bye good bye good bye"
- 4) Write a program to display the following text and complete the missing gaps:
13 football teams in league each with 11 players
There are _____ players
- 5) Write a program to display the following text and complete the missing gaps:
A school has 1419 pupils and 23 leave.
The school has _____ pupils left
- 6) Write a program to display the following text and complete the missing gaps:
A phone has 279 text messages and receives 23 more
There are _____ text messages in total
- 7) Write a program to calculate how many seconds there are in a year
- 8) Write a program to calculate the mean of 5, 12, 27 and 8
- 9) Write a program that asks you to input your name and date of birth and then display them on the screen.
- 10) Write a program that asks you to input your favourite sport and sports person and prints the text:
The best sport is _____ and the best sports person is _____
- 11) Write a program that multiplies two numbers. The program should ask the user to input the two numbers and then display the answer on the screen.

Alter the program to also add, subtract and divide the two numbers.
- 12) Write a program to displays the square of the number 16 and the cube of the number 16. Amend the program to ask the user to enter a number.
- 13) Write a program that asks the user to enter their name and then displays the name 50 times across the screen. Amend the program to ask the user how many times they want their name displayed.
- 14) The exchange rate between pounds and euros is 1.18. Write a program that asks the user to input the number of pounds and displays the answer in euros.
- 15) Write a program that ask the user to input the number of days and then displays the number of seconds in those days.

Extension: Goto <http://inventwithpython.com/chapter2.html> and try out the examples.