1. Команды терминала, написать значение:

Man, env, echo, exit, sudo, chmod, pwd, hostname, mkdir,

Cd, ls, rmdir, mv

1. Перечислить все типы данных
2. Написать чем отличается List от Tuple
3. Написать что такое « Натация Большое О»
4. Написать программы (будут вопросы по переводу пиши в слак, приглашение тебе отправил)

Task 1.

Write a program that reads a number of feet from the user, followed by a number of inches. Once these values are read, your program

should compute and display the equivalent number of centimeters.

Hint: One foot is 12 inches. One inch is 2.54 centimeters.

Task 2.



The horoscopes commonly reported in newspapers use the position of the sun at the time of one’s birth to try and predict the future. This system of astrology divides the



year into twelve zodiac signs, as outline in the table below:



|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Capricorn | | | December 22 to January 19 | | | |
| Aquarius | | | January 20 to February 18 | | | |
| Pisces | | | February 19 to March 20 | | | |
| Aries | | | March 21 to April 19 | | | |
| Taurus | | | April 20 to May 20 | | | |
| Gemini | | | May 21 to June 20 | | | |
| Cancer | | | June 21 to July 22 | | | |
| Leo | | | July 23 to August 22 | | | |
|  | | |
| Virgo | | August 23 to September 22 | | |
| Libra | | |  | | --- | | September 23 to October 22 | | | |
| Scorpio | | October 23 to November 21 | | | |
| Sagittarius | November 22 to December 21 | | |

Write a program that asks the user to enter his or her month and day of birth. Then your program should report the user’s zodiac sign as part of an appropriate output message.



Task 3



In this exercise you will create a program that displays a multiplication table that shows the products of all combinations of integers from 1 times 1 up to and including 10 times 10. Your multiplication table should include a row of labels across the top of it containing the numbers 1 through 10. It should also include labels down the left side consisting of the numbers 1 through 10. The expected output from the program



is shown below:





<https://ru.wikipedia.org/wiki/Шифр_Цезаря>



<https://ru.wikipedia.org/wiki/Ханойская_башня>

