

1. Provide assembly code for the following tasks:
 - a. Put number 10 in register 1
 - b. Put number -5 in register 2
 - c. Add register 1 and register 2 put the result in register 3
 - d. Subtract register 2 from register 1 put the result in register 4
2. Provide function that multiplies 2 numbers. To make your life easier for upcoming tasks please use registers 10,11, 12. Where you pass values in register 10 and 11 and return value in register 12. However, it is up to you to use any register.
3. Given address for the first element of the array in register 0, and length of the array in register 1 please write the function that find the minimum of the array and return in register 2.
4. Given a number in register 0 please write a function that returns 1 or -1 in register 1. If the given number in register 0 is in the Fibonacci sequence then return 1 else return -1.
https://en.wikipedia.org/wiki/Fibonacci_number
5. Write a function that calculates the factorial. You can use the function from the 2nd part of the assignment. Given a number in register 0 return the factorial of the number in register 1.
<https://en.wikipedia.org/wiki/Factorial#:~:text=In%20mathematics%2C%20the%20factorial%20of,convention%20for%20an%20empty%20product.>