```julia
function vigenere_main()
    alphabet = collect("АБВГДЕЁЖЗИЙКЛМНОПРСТУФХЦЧШЩЪЫЬЭЮЯ")
    n = length(alphabet)


    while true
        println("Введите Ш для шифрования, Р для расшифрования, В для выхода")
        print(">>> ")

        cmd = lowercase(strip(readline()))


        cmd == "в" && (println("Выход"); break)

        cmd in ["ш", "р"] || (println("Неверная команда"); continue)


        print("Введите текст: ")
        text = readline()
        print("Введите пароль: ")
        password = readline()

        clean_chars = collect(replace(uppercase(text), " " => ""))

        pass_chars = collect(replace(uppercase(password), " " => ""))


        key_chars = Char[]

        for i in 1:length(clean_chars)

            push!(key_chars, pass_chars[(i-1) % length(pass_chars) + 1])
        end


        result_chars = Char[]

        for i in 1:length(clean_chars)
            text_char = clean_chars[i]
            key_char = key_chars[i]


            text_idx = findfirst(==(text_char), alphabet)
            key_idx = findfirst(==(key_char), alphabet)


            if text_idx !== nothing && key_idx !== nothing
                if cmd == "ш"

                    new_idx = (text_idx + key_idx - 1) % n

                    new_idx == 0 && (new_idx = n)
                else

                    new_idx = (text_idx - key_idx) % n

                    new_idx <= 0 && (new_idx += n)
                end

                push!(result_chars, alphabet[new_idx])
```

```julia
            else
                push!(result_chars, text_char)
            end
        end


        result = String(result_chars)

        println("Результат: $result")

        println("-"^50)
    end
end


vigenere_main()
```