

Practical Work Number 5

Programming in C - Functions - Part 2

Exercise 1

Write a function that checks if a string is a palindrome or not. The function should return 1 if it is a palindrome and 0 otherwise. Recall that a string is said to be a palindrome if it reads the same forwards and backwards.

Example: "non", "elle".

Exercise 2

Consider the following program:

```
#include<stdio.h>
void myfonction (int a,int b)
{ float z; int p,r;
z=a/b;
p=a*b;
r=a%b;
}
int main() {
int A,B;
printf("Enter number A \n");
scanf("%f",&A);
printf("Enter number B \n");
scanf("%f",&B);
myfonction (A,B);
return 0;}
```

-Modify the procedure to return the values of z, p, and r (by declaring z, p, and r as local variables).

-Modify the main function to display z, p, and r.