

## Lab 2.1.10.3 Variables: continued

### Objectives

Familiarize the student with:

- Fixing errors in a program
- Floating-point numbers
- Printing on screen

### Scenario

Check the program below. Find all possible compilation errors and logic errors. Fix them. Your version of the program must print the same result as the expected output. Before you use your compiler, try to find the errors only by manual code analysis. Later, you can use the constant value of Pi.

```
int main()
{
    float halfValue = 0.6;
    float piValue = 3.141 592 65;
    printf("The value of half is: %f/2\n", half Value);
    printf("The value of Pi is: %f\n", pi_Value);
    return 0;
}
```

### Example output

```
The value of half is: 0.500000
The value of Pi is: 3.141593
```