Lab 2 - Simple calculator, area of a circle

Part I: Make a simple calculator program

In this lab, you will write your own calculator program with C++. Your program should ask user to enter two numbers, a and b. The it should print the result of a + b, a - b, a * b, and a / b.

You can assume the value of b is never 0.

Sample input and output:

```
Please enter a: 5
Please enter b: 6
a + b = 11
a - b = -1
a * b = 30
a / b = 0.833333
```

Hint:

1. Use std::cin to do the input, and std::cout to do the output.
2. Be careful with divisions. When an integer is divided by another integer, the type of the result will also be integer and fractions are ignored. You may want to convert the type of a to double before you divide it.

Part II: Circle area calculator

In this part, you will write a program that calculates the area of a circle.

First, declare a constant, pi. Its value should be 3.14.

Then ask the user to enter the radius of the circle, and print the area.

Sample input and output:

```
Please enter radius: 5
Area of circle is 78.5
```

Hint: Think carefully about the type of Pi.