



1. Write a c ++ program to find the volume and surface area of sphere.

Hint: $\pi=3.14$

$\text{volume} = \frac{4.0}{3} * \pi * r * r * r;$

$\text{area} = 4 * \pi * r * r;$

2. Write a program that calculate Kelvin and Fahrenheit from a Celsius degree entered by the user. $k = c + 273$ $f = c * 5/9 + 3$

3. What is the output of:

a) `#include <iostream>`

`using namespace std;`

`int main()`

`{`

`cout << 6 % 8 << endl`

`<< 7 % 8 << endl`

`<< 8 % 8 << endl`

`<< 9 % 8 << endl`

`<< 10 % 8 << endl;`

`return 0;`

`}`

`////////////////////////////////////`

b) `cout << 3 / 2 + 5.5;`