Exercises

- 1.Write a c++ code that prints msg Hello world

- 2.Write a c++ code that calculates the sum of two numbers.

- 3. Write a c++ code that calculates the average of three marks.
- 4.Write a c++ code that finds the circumference and area of circle .
- 5. Write a c++ code that converts a Fahrenheit degree to Celsius using the formula. Celsius = (5/9)(fahrenheit – 32)

```
1   #include <iostream>
2
3   using namespace std;
4
5   int main()
6   {
7       cout << "Hello world!" << endl;
8       return 0;
9   }
10
```

Code 1

```cpp
#include <iostream>

using namespace std;

int main()
{
    int x=3,y=4;
    int sum= x+y;
    cout<<"sum = "<<sum<<endl;
    return 0;
}
```

Code 2

```cpp
#include <iostream>

using namespace std;

int main()
{
    int mark1=99, mark2=75 ,mark3 =60 ;
    float average = (mark1+mark2+mark3)/3;

    cout<< "average ="<<average<<endl;


}
```

Code 3

```cpp
#include <iostream>

using namespace std;

int main()
{

    float r ,PI=3.14;
    cout<<"enter radius"<<endl;
    cin>> r;
    float area = PI * r * r;
    float circumference = 2*PI*r;

    cout<< "area="<<area<<endl;
    cout<<"circumference="<<circumference<<endl;


}

```

Code 4

```cpp
#include <iostream>

using namespace std;

int main()
{

    float celsius, fahrenheit;

    cout<< "Enter temperature in Fahrenheit: ";
    cin>> fahrenheit;

    celsius = (fahrenheit - 32) * ((float)5 / 9);

    cout<< fahrenheit << " Fahrenheit = "<< celsius <<" Celsius"<<endl;


    return 0;
}

```

Code 5