#include <iostream>

using namespace std;

int main() {

//int a=10, b=5;

//cout<<"the remainder is: "<<endl;

// cout<< a/b<<endl;

// cout<<"the quotient is: "<<endl;

//cout<<a%b;

// return 0;

//}

// float a=5.5, b= 5.10;

// cout<<"the sqaure of a and b is: "<<endl;

//cout<<a\*a\*a<<endl;

//cout<<b\*b\*b<<endl;

//}

//int len=12, width= 24;

// cout<<"the Area is: "<<endl;

//cout<<len\*width ;

//}

//int len= 20;

//int area= len\*len;

//cout<<" the area of sqaure is: "<<area <<endl;

//int perimeter= len\*len\*len\*len;

//cout<<"the perimeter of square is: "<<perimeter;

//}

//int len= 20;

//int area= len\*len;

//cout<<" the area of rectangle is: "<<area <<endl;

//int perimeter= 2\*(len\*len\*len\*len);

//cout<<"the perimeter of rectangle is: "<<perimeter;

//}

int radius=24;

int circumference=2\*3.14\*radius;

int area =3.14\*radius\*radius;

cout<< "the area of circle is: "<<area<<endl;

cout<< "the cicumference of circle is: "<<circumference<<endl;

}