

How to calculate π

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```
#include <iostream>
using namespace std;

int main()
{
    int k=1;
    double pie = 0;
    while (pie != 3.14)
    {
        pie = pie + 1.0/k-1.0/(k+2);
        k = k + 4;
    }
    std::cout<<pie;
}
```