```
import sympy as smp
print(f'sympy={smp.__version__}')
      sympy=1.13.1
x = smp.symbols('x')
f = (2/(x+6))/((4/(x-6))-(4/(x**2-36)))
display(f)
display(f.simplify())
print(f'f(7)=\{f.subs(\{x: 7\})\}')
print(f'f(9.37)=\{f.subs(\{x: 9.37\})\}')
print(f'f(7.35)=\{f.subs(\{x: 7.35\}):.2f\}')
 \overline{\Rightarrow}
       (x+6)(-\frac{4}{x^2-36}+\frac{4}{x-6})
       2(x+5)
       f(7)=1/24
       f(9.37)=0.117258176757133
       f(7.35)=0.05
# Python 購物車程式
# list, set, tuple
goods = []
prices = []
while 1: #1
  good = input("輸入想購買的商品(輸入q離開):")
  if good.lower() == "q": #2
    break
  price = float(input(f"請輸入{good}的價格:")) #3
  goods.append(good)
  prices.append(price)
for 編號, 商品 in enumerate(goods): #4
  print(f"第{編號 + 1}個商品是{商品},價格:{prices[編號]:.1f}")
  price_total = sum(prices)
  print(f"總價格為:{price_total}元")
       輸入想購買的商品(輸入 q 離開):123
       請輸入123的價格:4
       第1個商品是123, 價格:4.0
       總價格為:4.0元
       輸入想購買的商品(輸入 q 離開):q
```