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suma = {d.id_postavshika: sum(d2.stoimost for d2 in detali if d2.id_postavshika == d.id_postavshika)
        for d in detali}
rezultat = sorted([(p, summa[p.id_postavshika]) for p in postavshiki
                    if p.id_postavshika in summa], key=lambda x: x[1])
for p, s in rezultat:
    print(f"██████████: {p.naimenovanie:<40} | ██████████ ██████████: {s:>12.2f} ███.")
return rezultat

def zapros3():
    print("\n" + "=" * 80)
    print("██████████ 3: ██████████ ███ ████████ '██████' █ ███ ████████ (████████-██-████████)")
    print("=" * 80)
    postavshiki_s_otdelom = [p for p in postavshiki if "██████" in p.naimenovanie.lower()]
    rezultat = []
    for p in postavshiki_s_otdelom:
        detali_p = [d for d in detali
                    if d.id_detali in [sv.id_detali for sv in svyazi_postavshik_detal
                                       if sv.id_postavshika == p.id_postavshika]]
        if detali_p:
            print(f"\n██████████: {p.naimenovanie}")
            for d in detali_p:
                print(f"██ ████████: {d.naimenovanie:<30} | ██████████: {d.stoimost:>10.2f}")
            rezultat.append((p, detali_p))
    return rezultat

def sozdat_pdf(output_buffer, filename="rkipykyp.py"):
    try:
        from reportlab.lib.pagesizes import A4
        from reportlab.lib.units import mm
        from reportlab.platypus import SimpleDocTemplate, Paragraph, Spacer, Preformatted
        from reportlab.lib.styles import getSampleStyleSheet, ParagraphStyle
        from reportlab.lib.enums import TA_CENTER

        with open(filename, "r", encoding="utf-8") as f:
            code = f.read()

        doc = SimpleDocTemplate("rubegnyi_kontrol.pdf", pagesize=A4,
                                rightMargin=20 * mm, leftMargin=20 * mm,
                                topMargin=20 * mm, bottomMargin=20 * mm)
        styles = getSampleStyleSheet()
        style = ParagraphStyle('Title', parent=styles['Heading1'], fontSize=16,
                                textColor='#0066CC', spaceAfter=10, alignment=TA_CENTER)

        story = []
        story.append(Paragraph("██████████ ██████████", style))
        story.append(Paragraph("██████████ ██████████: ████████ - ██████████", styles['Heading2']))
        story.append(Spacer(1, 10))

        story.append(Paragraph("██████ ██████████", styles['Heading2']))
        story.append(Spacer(1, 5))
        story.append(Preformatted(code, styles['Code']))

        story.append(Spacer(1, 10))
        story.append(Paragraph("██████████ ██████████", styles['Heading2']))
        story.append(Spacer(1, 5))
        story.append(Preformatted(output_buffer, styles['Code']))

        doc.build(story)
        print("\n✓ PDF ████████: rubegnyi_kontrol.pdf")
        return True
    except ImportError:
        print("\n██████████ reportlab ███ ██████████. PDF ███ ████████ ████████.")
        print("██████████: pip install reportlab")
        return False

import sys
from io import StringIO

if __name__ == "__main__":
    output_buffer = StringIO()
    old_stdout = sys.stdout
    sys.stdout = output_buffer

    print("\n" + "=" * 80)
    print("██████████ ██████████")
    print("██████████ ██████████: ████████ - ██████████")
    print("=" * 80)
    zapros1()

```

