

# Sesi3

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## 1 Sesi 3 - 210411100085

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[28]: from modules import stack as st

def jmlStack(bil1,bil2) :
    bilStack = st.stack()
    bl1 = st.stack()
    bl2 = st.stack()
    tmp = 0
    bilStr = ""

    for b1 in bil1 :
        st.push(bl1,b1)

    for b2 in bil2 :
        st.push(bl2,b2)

    while not(st.isEmpty(bl1)) or not(st.isEmpty(bl2)) :
        hs = 0

        print("""
Stack bil 1 = %s
Stack bil 2 = %s """ % (bl1,bl2))

        if not(st.isEmpty(bl1)) and st.isEmpty(bl2) :
            tmp=0
            hs = int(st.pop(bl1))+tmp
            st.push(bilStack,hs)

        elif not(st.isEmpty(bl2)) and st.isEmpty(bl1) :
            tmp=0
            hs = int(st.pop(bl2))+tmp
            st.push(bilStack,hs)
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        elif not(st.isEmpty(bl1)) and not(st.isEmpty(bl2)) :
            hs = int(st.pop(bl1))+int(st.pop(bl2))+tmp
            hsStr = str(hs)

            if len(hsStr) > 1 :
                tmp = int(hsStr[0])
                st.push(blStack,int(hsStr[1]))
            else :
                st.push(blStack,hs)

    while not(st.isEmpty(blStack)) :
        bil = str(st.pop(blStack))
        bilStr+=bil
    return bilStr

akg1 = "253"
akg2 = "4567"
print("\n\n Jml Bilangan %s + %s = %s "% (akg1,akg2,jmlStack(akg1,akg2)) )

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Stack bil 1 = ['2', '5', '3']  
Stack bil 2 = ['4', '5', '6', '7']

Stack bil 1 = ['2', '5']  
Stack bil 2 = ['4', '5', '6']

Stack bil 1 = ['2']  
Stack bil 2 = ['4', '5']

Stack bil 1 = []  
Stack bil 2 = ['4']

Jml Bilangan 253 + 4567 = 4820

[ ]: