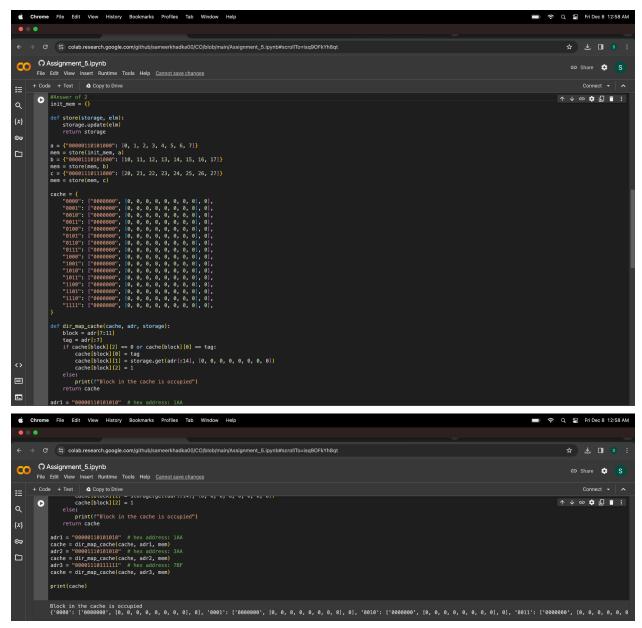
## Samir Khadka(19701) Computer Organization Assignment 5 Answer of 1

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        #Answer of 1
init_mem={}
def store(storage, elm):
    storage.update(elm)
    return storage
                a=(800: 123)
b=(900: 1000)
mem=store(init_mem, a)
print(f"Memory after storing a: {mem}")
mem=store(mem, b)
print(f"Memory after storing b: {mem}")
c=(800:900)
mem=store(mem, c)
print(f"Memory after storing c: {mem}")
d=(1500:700)
mem=store(mem, d)
print(f"Memory after storing d: {mem}")
                 def imm_load_ac(val):
    return val
                 def dir_load_ac(storage, val):
    return storage[val]
                 ac = dir_load_ac(mem, 800)
print(f"Accumulator after direct load: {ac}")
                 def indir_load_ac(storage, val):
    return storage[storage[val]]
                 ac = indir_load_ac(mem, 800)
print(f"Accumulator after indirect load: {ac}")
                 def idx_load_ac(storage, idx, val):
    return storage[val+idx]
▤
                 idxreg=700
ac=idx_load_ac(mem, idxreg, 800)
print(f"Accumulator after indexed load: {ac}")
```

Answer of 2



Answer of 3

