

Exercise #6

a)

```
while True:
    print("Enter a number operation (+, -, /, *, **, %):")
    o = input()

    print("Input your first number")
    f = input()

    print("Input your second number:")
    s = input()

    if o == '%':
        print(f % s)
    if o == '**':
        print(f ** s)
    if o == '*':
        print(f * s)
    if o == '/':
        print(f / s)
    if o == '-':
        print(f - s)
    if o == '+':
        print(f + s)

    print("Are you done? (no or yes)")
    answer = input()

    if answer == "no":
        break
```

```
b)
choice = 1
while choice == 1:
    print("Choose an operation:")
    print("1. +")
    print("2. -")
    print("3. *")
    print("4. /")
    print("5. %")
    print("6. **")

    op = -1
    while op < 1 or op > 6:
        op = int(input())

    x = input("Enter first number:")
    y = input("Enter second number:")

    if op == 1:
        print(x+y)
    elif op == 2:
        print(x-y)
    elif op == 3:
        print(x*y)
    elif op == 4:
        print(x/y)
    elif op == 5:
        print(x%y)
    elif op == 6:
        print(x**y)

choice = int(input("Enter 1 if you want to continue:"))
```