

1.

code:

```
num = int(input("Number: "))
```

```
if num < 0:
```

```
    print("NEGATIVE")
```

```
else:
```

```
    print("POSITIVE")
```

result:

Number: 5

POSITIVE

Number: -5

NEGATIVE

2.

code:

```
name = input("Student Name: ")
```

```
gr1 = int(input("Filipino: "))
```

```
gr2 = int(input("Mapeh: "))
```

```
gr3 = int(input("Math: "))
```

```
gr4 = int(input("TLE: "))
```

```
gr5 = int(input("Science: "))
```

```
sum = int(gr1+gr2+gr3+gr4+gr5)/5
```

```
if sum >= (95):
```

```
    print("")
```

```
    print("Student Name: ", name)
```

```
    print("General Average: ", sum)
```

```
    print("Highest Honor")
```

```
    print("")
```

```
elif sum >= (90):
```

```
    print("")
```

```
    print("Student Name: ", name)
```

```
    print("General Average: ", sum)
```

```
    print("Honor")
```

```
    print("")
```

```
elif sum >= (75):
```

```
    print("")
```

```
    print("Student Name: ", name)
```

```
    print("General Average: ", sum)
```

```
    print("Pass")
```

```
print("")
elif sum < (75):
    print("")
    print("Student Name: ", name)
    print("General Average: ", sum)
    print("Fail")
    print("")
```

result:
Student Name: mitch
Filipino: 85
Mapeh: 85
Math: 90
TLE: 85
Science: 89

Student Name: mitch
General Average: 86.8
Pass

3.

```
code:
moontoon = input("Username: ")
moontoonpassword = input("Password: ")
usrnme = "Mitch01"
psswrđ = "mitch18"
```

```
while True:
    if moontoon == usrnme:
        if moontoonpassword == psswrđ:
            print("Log in")
            break
        if moontoon != usrnme:
            print("Invalid Username")
            break
        if moontoonpassword != psswrđ:
            print("Invalid password")
            break
```

result:
Username: Mitch01
Password: mitch18

Log in

Username: mtch

Password: mitch18

Invalid Username

Username: Mitch01

Password: mitch

Invalid password