In [2]:
```
a = 7+ 12 * 5 - 8 + 1
print (a)
```

```
60
```

In [3]:
```
b = 21 / 3 - 8 * 0.5
print (b)
```

```
3.0
```

In [4]:
```
c = 69 % 3 - 6 ** 2
print (c)
```

```
-36
```

In [5]:
```
#1. a == b
#2. a > b
#3. c > b




#5. a/10 == math.sqrt(-1 * c)
#6. a/b * -1 != 56 -b
#7. a != b and c != b
#8. a > b or b > c
#9. c > a or c > b



a = 60
b = 3.0
c = -36

a == b
```

Out[5]:
```
False
```

In [6]:
```
a = 60
b = 3.0
c = -36

a > b
```

Out[6]:
```
True
```

In [7]:
```
a = 60
b = 3.0
c = -36

c > b
```

Out[7]:
```
False
```

In [10]:
```
a = 60
b = 3.0
c = -36


c > abs(c)
```

Out[10]:
```
False
```

In [12]:
```
a = 60
b = 3.0
c = -36

a/b * -1 != 56 -b
```

Out[12]:
```
True
```

In [ ]:
```
a = 7+ 12 * 5 - 8 + 1
b = 21 / 3 - 8 * 0.5

if a>b :
    print ("es verdadedo")
else:
    print ("es falso")
```

In [ ]:
```
opcion = input("opcion")

if opcion == "entrar":
    print("bienvenido al sistema")

elif opcion == "saludar":
    print("hola espero que estes bien")

elif opcion == "salir":
    print("saliendo del sistema")

else:
    print("este comando no responde")
```

In [ ]:
```
numero = input("numero entero")

if numero %2 == 0:
    print ("si es multiplo")
else:
    print ("no es multiplo")
```

In [49]:
```
nota =float(input("introduce una nota:(1-10)"))
if nota == 10:
    print ("matricula de honor")
elif nota >= 9:
    print ("sobresaliente")
elif nota >= 7:
    print ("notable")
elif nota >= 6:
    print ("bien")
elif nota >= 5:
    print ("suficiente")
else:
    print ("insuficiente")
```

```
introduce una nota:(1-10)9.7
sobresaliente
```

In [76]:
```
tipo = input("tipo calif(1=breve, 2=detallada):")
nota =float(input("introduce una nota:(1-10)"))

if tipo ==1:
```

```
    if nota >= 9:
        print ("excelente")
    elif nota >= 4.8:
        print ("apte")
    elif nota < 4.8:
        print ("no apte")

elif tipo ==2:

    if nota ==10:
        print ("matricula de honor")
    elif nota >= 9:
        print ("sobresaliente")
    elif nota >= 7:
        print ("notable")
    elif nota >= 6:
        print ("bien")
    elif nota >= 5:
        print ("suficiente")
    else:
        print ("insuficiente")

else:
      print ("error")
```

```
tipo calif(1=breve, 2=detallada):2
introduce una nota:(1-10)10
error
```

In [ ]: