

Debug this program

```
x = input("how are you today?")
if x == "sad" or == "tired"
print("I hope you feel better soon")|
```

What will this display?

```
>>> a="vanilla"
>>> b="chocolate chip"
>>> c="strawberry"
>>> print("{0} and {2} are my favourite".format(a,b,c))
```

What is wrong with this command?

```
>>> print("{1} and {3} are my favourite".format(a,b,c))
```

What does this program do?

Draw the flow diagram for this program

```
number = int(input("Please enter a number"))
if number == 0:
    print("zero")
elif number < 0:
    print("negative")
else :
    print("positive")
```

Explain the difference between = and ==

```
>>> f = 8
|>>> k = 4
>>> f == k
```

What would be the result the command above and why?

What would be the result of the following command?

```
|>>> f=k
>>> print(f)
```