```
a="J"
b="aeiouAEIOU"
for i in a:
  if i in b:
    print("vowel")
  else:
      print("constant")
```

```
     constant
```

```
a=int(input())
if a>0:
  print("positive")
else:
    print("negative")
```

```
     89
     positive
```

```
a=int(input())
if a>0:
  print("positive")
else:
    print('negative')
```

```
     -56
     negative
```

```
n=20*1+100*2+6*4+3*8
```



```
     268 32
```

```
a=int(input())
b=float(input())
2.0
print("addition=",a+b)
print("subtraction=",a-b)
print("multiplication=",a*b)
print("divide=",a/b)
print("floor=",a//b)
print("reminder=",a%b)
print("power=",a**b)
```

```
     5
     2.0
     addition= 7.0
```

```
subtraction= 3.0
multiplication= 10.0
divide= 2.5
floor= 2.0
reminder= 1.0
power= 25.0
```

```
a=int(input())
b=int(input())
if a==b:
 print("a=b")
elif a>b:
  print("a>b")
else:
    print("a>b")
```

```
54
76
a>b
```

```
import math as m
x=float(input())
y=float(input())
print("absolute value=",m.fabs(x))
```

```
2.4
3.46
absolute value= 2.4
```

```
import math as m
```



```
print("sqrt=",m.sqrt(x))
```

```
2
4
sqrt= 1.4142135623730951
```

```
import math as m
x=float(input())
y=float(input())
print("exp=",m.exp(x))
```

```
4.4
4.0
exp= 81.45086866496814
```

```
import math as m
x=float(input())
```

```
y=float(input())
print("log=",m.log(x))
```

```
87
98
log= 4.465908118654584
```

```
import math as m
x=float(input())
y=float(input())
print("power=",m.pow(x,y))
```

```
54
23
power= 6.999330098143448e+39
```

```
import math as m
x=float(input())
y=float(input())
print("ceil=",m.ceil(x))
```

```
6
8
ceil= 6
```

```
import math as m
x=float(input())
y=float(input())
print("max=",max(x,y))
print("min=",min(x,y))
```



```
1.45
max= 32.0
min= 1.45
```

```
float=344.767
f="{:9.2f}".format(float)
print(f)
```

```
   344.77
```

```
float=567.12367
f="{:5.3f}".format(float)
print(f)
```

```
567.124
```

```
float=12300000
```

```
f="{:.3e}".format(float)
print(f)
```

```
1.230e+07
```

✓ 0s completed at 12:20 PM

Automatic saving failed. This file was updated remotely or in another tab. Show diff