What will be the output of the following codes?	output

a,b=5,7
if a>6:
  print("v")
elif b>5:
  print("vishal")
if a>4:
  print("vishal10")
elif b>6:
  print("10vishal")
if a==5 and b==7:
  print("vha10")
else:
  print(i)	

sum=0
for i in range(1,15):
  if i%4==0:
  sum+=3
  continue
  i+=5
  if i%3==0:
  sum+=7
  continue
  else:
  sum+=2
  sum+=3
else:
  sum+=3
print(sum)	

a=5
if a>4:
  print('hi')
a+=8
elif a>6:
  print("uy")	

def pr(x):
  msg=str(v)
  v="hi"
  print(msg)
global v
v=6
pr('u')	

def pr(x):
  global v
  msg=str(v)
  print(type(v))
  v="hi"
  print(v)
global v
v=6
pr('u')	

def pr(x):
  global v
  msg=str(v)
  print(msg)
  v=9	

print(v) def nb(y): print(v) v="nh" print(v) global v v="v10" pr(v) nb('p')	
def f(): print("vishal10") def f(): print("10vishal") f()	
g() def g(): print("li")	
print(5**3**1*5/True)	
a=3 print("5" if a>2 else "8")	
print(5 and False or 3/0)	
print(5 and True or 3/0)	
print("1" in "123" and "False" or True)	
print(7*5**2/True*False)	
print(10/(1*3/6))	

sum=0
count=0
while count>15:
sum+=3
if sum==3:
count+=5
else:
count+=9
else:
count+=2
print(sum,count)	

x=0
while x<15:
if x%3==0:
x+=5
continue
if x%2==0:
x+=14
else:
x+=1
else:
x+=1
print(x)	

Python program to check if the given number is Happy Number

A number is said to be happy if it yields 1 when replaced by the sum of squares of its digits repeatedly. If this process results in an endless cycle of numbers containing 4, then the number will be an unhappy number.

Let's understand by an example:

Number = 32

$3^2 + 2^2 = 13$

$1^2 + 3^2 = 10$

$1^2 + 0^2 = 1$