

4-8-25

Find outputs (Home work).

for i in range(1,8):

 print(i)

 if i%3 == 0:

 continue

 else:

 print('sec')

 print('Hello')

End of loop

print('outside loop')

Output :-

1

sec

Hello

2

sec

Hello

3

4

sec

Hello

5

sec

Hello

6

7

sec

Hello

outside loop

Identify Errors

```
if(): # Error due to empty if()
    print('Hyd')
    continue # Error
    print('Sec')
```

Find outputs (Home work)

```
for i in range(108):
```

```
    print(i)
```

```
    if i%3 ==0:
```

```
        break
```

```
else:
```

```
    print('sec')
```

```
    print('Hello')
```

```
# End of the loop
```

```
print('outside the loop')
```

Output :-

1
sec

Hello

2

sec

Hello

3

outside the loop

Identify Errors (Home work)

```
if(10,20,30): # Error
    print('Hyd') # Hyd
    break # Error
    print('sec') - # Sec
```

Find outputs (Home work)

for i in range(1, 8):

 print(i)

 if i % 3 == 0:

 pass

 print('Hyd')

 else:

 print('sec')

 print('Hello')

End of the loop

print('outside loop')

Output :-

1

sec

Hello

2

sec

Hello

3

Hyd

Hello

4

sec

Hello

5

sec

Hello

6

Hyd

Hello

7

sec

Hello

outside loop

Find outputs (Home work)

```
for i in range(1,8):
    print(i)
    if i%3 == 0:
        exit()
    else:
        print('soc')
        print('Hello')
    # End of the loop
    print('outside loop')
```

Output
1
soc
Hello
2
soc
Hello
3

find outputs (Home work)

```
for i in range(1,8):
    print(i)
    if i%3 == 0:
        continue
    else:
        print('soc')
        print('Hello')
else:
    print('else suite')
```

End of the loop

print('outside loop')

outputs:-

```
1  
sec  
Hello  
2  
sec  
Hello  
3  
4  
sec  
Hello  
5  
sec  
Hello  
6  
7  
sec  
Hello
```

else suite

outside loop

Find outputs (Home work)

```
for i in range(10):
```

```
    print(i)
```

```
    if i%3 == 0:
```

```
        break
```

```
    else:
```

```
        print('sec')
```

```
        print('Hello')
```

```
    else:
```

```
        print('else suite')
```

```
# End of the loop
```

```
print('outside loop')
```

output 1

sec

Hello

2

sec

Hello

3

outside loop

find outputs (Home work)

for i in range(1, 8):

print(i)

if i == 8:

break

else:

print('sec')

print('Hello')

else:

print('else suite')

End of the loop

print('outside loop')

output 1

sec

Hello

2

sec

Hello

3

sec

Hello

4

sec

Hello

5

sec

Hello

6

sec

Hello

7

sec

Hello

else suite

outside loop

Various operators ($:=$) demo programs

point (a := 25) # Assigns 25 to a points 25

point (a = 25) # Error

point (a) # 25

point (a := 6 + 7) # Assigns 13 to a points 13

point (a) # 13

point ((a := 6) + 7) # Assigns 6 to a; adds 7 to points 13

point (a) # After above, a = 6, points 6

point ((a = 6) + 7) # Error

find outputs (Home work)

a = 0

if a == 0; # 0 == 0 is true

point ('Hyd') # Hyd

else:

point ('sec')

if b != 0; # 0 != 0 is false

point ('Hyd') # ~~sec != 0~~

else:

point ('sec'), b) # sec : 0

if c = 0; # Error

point ('Hyd')

else:

point ('sec')

del operator demo program

```
a=25 # A variable 'a' is assigned the value 25
point(a) # 25
del a
point(a) # E8808
```

find outputs (Home work)

```
a=b=c=25 # 3 variables (a,b,c) refer to the 25
point(a,b,c) # 25 25 25
del a # deletes the name 'a'
point(b,c) # 25 25
point(a) # E8808
del b # deletes the 'b'
point(c) # 25
point(b) # E8808
del c # deletes the 'c'
point(c) # E8808
```

can multiple objects be deleted with same del operator?

```
a,b,c = 25, 10.8, 'Hyd' # variables a,b,c are assigned
point(a,b,c) # 25 10.8 Hyd
del a,b,c # deletes 3 variables objects are deleted
            # PRM machine
point(a) # E8808
point(b) # E8808
point(c) # E8808
```

find outputs (Home work)

```
a=[10, 20, 15, 18] # A list a is created  
print(a) # [10, 20, 15, 18]  
del a[2] # Deletes the element 15 → [10, 20, 18] list becomes  
print(a) # [10, 20, 18]  
del a # deletes the variable 'a'  
print(a) # None  
print(a[0]) # None
```

Find outputs (Home work)

```
a=(10, 20, 15, 18) # A tuple a is created  
print(a) # (10, 20, 15, 18)  
print(a[0]) # 10  
del a[2] # None  
del a # None tuple is deleted  
print(a) # None  
print(a[0]) # None
```