B-P-17

1.)
```
guess_me = 7
    if (guess_me < 7):
        Print (" too low")

    elif (guess_me > 7):
        Print ("too high")

    else:
        Print(" just right")
```

2.)
```
guess = 7
start = 1

while (1):
    if (start == guess):
        Print(" found it")
        break

    if (start < guess):
        Print("too low")

    if (start > guess):
        Print ("oops")
        break
```

3.)
```
li = [3,2,1,0]

for i in range( len(li)):
    Print(li[i]).
```

4.) using list comprehension print even no. in range(10)

```
list = [x for x in range(10) if x%2==0]
```

↳ o/p = [2, 4, 6, 8]

5.] Dict Comprehension:-

```
mydict = {x: x**2 for x in [1,2,3,4,5,6]}
```

o/p = 1:1, 2:4, 3:9, 4:16, 5:25, 6:36

6.) Set Comprehension:

```
set = [x for x in range(10) if x%2==1]
```

↳ will return a set.

7.) generator Comprehension to return the string cnot & a no. for the no. in range(10)

cnot 1 - cnot-2 ...

```
str_generator = ('cnot' + str(num) for num in range(10))

for item in str_generator:
    print(item)
```

imp. Concept to concatenate str & num.

8.)
```
def Crood():
    list = ['Harry', 'Ron', 'Hermoine']

    return list

a = Crood()
print(a)
```

9.) using generator function solve this -

```
def get_odds():
    for num in range(1, 10, 2):
        yield num

count = 1

for num in get_odds():
    if count == 3:
        print("found")
        break
    count += 1
```

o/p = True.

10.]
```
try:
    7/0

Catch:
raise exception as e
    print("oops Exception").
```