1. APLIKASI TERBILANG

```
1  nama = "Tyree"
2
3  for item in nama:
4      print(item, end=' ')
5  print("\n")
6
7  # perulangan list
8  print
   ("\n============================")
9  num = [1,2,3]
10 for i in num:
11     print(i)
12 print("\n")
13
14 # perulangan in range
15 print ("\n============================")
16 for i in range(3):  # list selalu dimulai dari
   nol
17     print(i)
```

```
T y r e e


============================
1
2
3


============================
0
1
2

[Program finished]
```

2. EMOJI CONVERTER

```
1  kata = ['hallo', 'bang', 'jago']
2  # mengambil urutan pertama dari list
3  print(kata[0])
4
5  # mengambil urutan terakhir dari list
6  print(kata[-1])
7
8  # mengambil berdasarkan range
9  print(kata[0:3])
```

```
hallo
jago
['hallo', 'bang', 'jago']

[Program finished]
```

3. FUNGSI

```
1  nomor = [6, 4, 3 ,2]
2  print(nomor)
3
4  nomor.append(76) #memasukkan objek
   pada list
5  print(nomor)
6
7  nomor.insert(0, 3) #memasukkan objek
   kedalam list pada index tertentu
8  print(nomor)
9
10 nomor.pop(1) #menghapus objek list
   pada index tertentu
11 print(nomor)
12
13 nomor.remove(76) #menghapus suatu
   objek didalam array
14 print(nomor)
15
16 nomor.sort() #mengurutkan item dalam
   list
17 print(nomor)
```

```
[6, 4, 3, 2]
[6, 4, 3, 2, 76]
[3, 6, 4, 3, 2, 76]
[3, 4, 3, 2, 76]
[3, 4, 3, 2]
[2, 3, 3, 4]

[Program finished]
```

4. PARAMETER FUNGSI

```
1  nomor2 = [7, 6, 2, 5, 4]
2
3  nomor3 = 0
4
5  for nomor in nomor2:
6      nomor3 = nomor3 + nomor
7
8  print(nomor3)
```

```
24

[Program finished]
```

5. KEYWORD ARGUMENT

```python
nomor_nomor = [8,5,7,3,2]

nomormaks = max(nomor_nomor)
print(nomormaks)

#2
nomor_nomor.sort()
nomormaks = nomor_nomor[-1]
print(nomormaks)

#3
nomormaks = nomor_nomor[0]
for nomor in nomor_nomor:
    if nomor > nomormaks:
        nomormaks = nomor
print(nomormaks)
```

```
8
8
8

[Program finished]
```

6. RETURN VALUE

```python
# Perbedaan dengan list, isi tuple tidak bisa diubah

angka = (9, 5, 7, 6, 3)
print(angka[2])
```

```
7

[Program finished]
```